The CANADIAN ROSE ANNUAL

1994

MR & MRS PAUL GRABER
10 FAIRFAX CRESCENT
SCARBOROUGH ONTARIO
M1L 1Z8

THE CANADIAN ROSE ANNUAL 1994

Ethel Freeman

EDITOR

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EDITOR'S NOTEBOOK

The winter of 1993-94 was one of the most severe in recent memory and its effect on roses across Canada was devastating. To counteract the resulting discouragement of many rosarians, we have sought out those who successfully grow roses in areas most of us consider impossible and have asked them to tell us how they do it. We are indebted to Barry Poppenheim of Hardy Roses for the North for his help in this regard. As well, we contacted two of our members, one in Finland and one in Iceland, and asked for their stories. We know you will be fascinated and heartened by what all these intrepid rosarians have to say.

Canada is lucky to have some excellent rose nurseries. The larger ones are well known, but in recent years several outstanding, smaller ones have made their debut. Each offers something special, and in this issue the owners of four of these interesting nurseries talk about their visions of roses and their businesses.

The Clearing House, as always, is an integral part of the *Annual.* Audrey Brisbane and Rachel Flood have been its mainstay for many years. Unfortunately, Rachel could not be fully involved over the past few years, but Audrey ably carries on the tradition. On behalf of the Board of Directors, the members of the CRS and, most especially myself, I would like to thank Rachel for all her efforts and wish her well in the future. Audrey, of course, has done her usual wonderful work this year and we thank her.

The early 1980's were dark days for the Canadian Rose Society. We were on the verge of bankruptcy and, to save money, the 1982 *Rose Annual* was replaced by *The Canadian Rose Guide*, which was really just the 1982 Clearing House. Responding to the outcry from our members, the *Annual* reappeared in 1983, albeit in abbreviated form.

Fortunately, 1985 and Rosecapades '85 saw a rejuvenation of the CRS, and we were able to reverse our mistake and resume publishing a full *Annual.* I was asked to be the Editor. Besides continuing the tradition begun in 1914 of having the *Annual* as the official record of the year's activities of the Canadian Rose Society, my aim has always been to bring you the latest and most scientific information in the rose world as it applies to growing roses in Canada. Some years I felt I had succeeded and other years I was not as satisfied.

The 1994 *Canadian Rose Annual* marks the tenth year that I have been Editor. It is time to bring a new voice and new ideas to the task, so I decided last year that this would be my final *Annual.* I would like to take this opportunity to thank all those who have given me their cooperation and advice over the years: officers of the CRS, contributors of articles, nurserymen, hybridizers, researchers at Agriculture Canada, Audrey Brisbane and Rachel Flood, and all of you who have sent words of praise and encouragement. The pleasure has indeed been mine.

Ethel Freeman

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British Columbia	
Burnaby Centennial Rose Garden	Burnaby
Minter Gardens	Chilliwack
Centennial Rose Garden	Coquitlam
Park&Tilford Garden	North Vancouver
Butchart Gardens	Saanich
Agriculture Canada Station	Summerland
VanDusen Botanical Gardens	Vancouver
Stanley Park	Vancouver
Manitoba	
Agriculture Canada Station	Morden
Assiniboine Park	Winnipeg
Ontario	
Horticultural Society Arboretum	Barrie
Central Park - New Street	Burlington
Nelson Park - New Street	Burlington
Royal Botanical Gardens	Burlington
University of Guelph Arboretum	Guelph
Freeport Hospital	Kitchener
Rayner Rose Garden	London
St. Lawrence Park Commissions	Morrisburg
Victoria Park Restaurant	Niagara Falls
Niagara Parks Botanical Gardens	Niagara Falls
Gairloch Estate	Oakville
Central Experimantal Farm	Ottawa
Canadian National Exhibition	Toronto
Casa Loma	Toronto
Edwards Gardens	Toronto
Chippawa Park	Welland
Queen Elizabeth Gardens	Windsor
Quebec	
Agriculture Canada Station	L'Assomption
Montreal Botanical Garden	Montreal
Connaught Rose Garden	Mount Royal
City of Montreal Rose Garden	St. Helen's Island
Les Floralies Rose Garden	St. Helen's Island

New Brunswick

Le Jardin Botanique de N-B	Saint Jacques

Nova Scotia

Historic Gardens	Annapolis Royal
Halifax Public Gardens	Halifax
Haliburton House	Windsor

Prince Edward Island

Malpeque Gardens	Malpeque

Newfoundland

Memorial University Rose Garden	St. John's

The Canadian Rose Society would like to thank the following Life Members for their generous support this past year:

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PRESIDENT'S MESSAGE

On September 14, 1994, Gilbert Whittamore resigned from the office of President, citing personal reasons. The Immediate Past President, Doreen Stanton, was named President pro tem. She will serve in this capacity until the normal election of officers at our next Annual Meeting, to be held on March 26, 1995. Her message follows:

We were both startled and saddened by Gib Whittamore's decision to resign as President, but the purpose of this society is to encourage better and happier rose growing, not to drive its voluntary leaders to distraction. For the moment, therefore, the reins, or should I say, twist ties, have been thrown back to me.

To look backward briefly, the National Show in Toronto last June was better than most of us still-frozen southern Ontarians dared to hope for. By the time of the Miniature Show two weeks later, we had quite forgotten the winter. The Judging School started in September with an enrolment of 42. This was more than we had thought possible in our wildest dreams, and certainly more than Jim Anderson, our Head Judge, had bargained for. The school will conclude next June, when the new judges will have a chance to prove themselves. There were a goodly number of participants from outside Toronto and several from outside Ontario. This pleased everyone.

The real focus for the moment, at least for many of us, is the World Federation of Rose Societies Convention in New Zealand. While there, we hope to gain more knowledge about roses and rose growing, and also about ways to make a rose society more useful and valuable to its members. We have even been given the task of finding a good overseas personality for our next meeting.

In the meantime, to all of you; members, Directors, Honourary Directors, Regional Directors, and last but not least, the people who put so much effort into our publications, we wish the best of season's greetings and a wonderful 1995 filled with the best roses you ever grew. May all your personal hopes and concerns have a happy outcome!

Doreen Stanton

MINUTES OF THE ANNUAL MEETING OF THE CANADIAN ROSE SOCIETY

Held on Sunday, March 27, 1994 at 2:00 P.M.
Civic Garden Centre, Edwards Gardens
Toronto, Ontario

There being a quorum of twenty-five members present, the President, Doreen Stanton, called the meeting to order at 2:10 P.M and welcomed our guests, the members of the York Rose & Garden Society.

Gib Whittamore moved and Gerry Wade seconded the motion that the Minutes of the last Annual Meeting, March 28, 1993, be accepted as published in the 1993 *Canadian Rose Annual.* Carried.

President's Report: The President, Doreen Stanton, gave her Annual Report. The report follows.

Treasurer's Report: The financial report of the Society, as audited by Paul Smith, is available upon request from the Secretary.

Ethel Freeman moved, seconded by Cec Lamrock, that Paul Smith be appointed as our Auditor for the following year. Carried.

Nominating Committee: The Chairman, Paul Graber, submitted the following nominations for a one-year term to the Board of Directors:

James Anderson	Richard Chambers	Barbara Clarke
Geoffrey Cook	Janeth Cooper	Claire Finch
Ethel Freeman	Paul Graber	Cecil Lamrock
Ross Linton	George Pagowski	Doreen Stanton
Gerald Wade	Philip G. Webster	Gilbert Whittamore

Paul Graber moved, seconded by Cec Lamrock, that the slate of officers be adopted as nominated. Carried.

Jim Anderson spoke about the Rose Sale, which will begin at 12 noon on Saturday, April 30, 1994, and about the Judging School, which starts September 17 & 18, 1994. Applications must be received by May 31, 1994.

Phil Webster moved that the meeting be adjourned at 2:45 P.M. so that we could all enjoy Marion Jarvie's slide presentation on New Zealand. Carried.

ANNUAL MEETING - PRESIDENT'S REPORT

Last year at this time I was saying that I was new at the game of President and now I find my two year term is at an end. As Paul Graber said two years ago "you just begin to feel as though you know what you are doing and it's all over!" But that is probably as it should be -- it keeps a President on his or her toes and not just filling a chair.

A President's Report should probably point in both directions; back to look over the accomplishments of the past year and forward to generate enthusiasm for what is to come. So let me begin by looking backward to last year's Annual Meeting. Our guest speaker was Frank Benardella, a Past President of the American Rose Society and as genial, knowledgeable and enthusiastic a rosarian as one could ever hope to meet. We are pleased to be nominating Frank as Vice-President for North America at the upcoming World Federation of Rose Societies convention in New Zealand. More about that later!

In September we welcomed Stephen Scanniello to our meeting. Stephen is another good rosarian who gave us a lot of information, both about roses in general and about the Cranford Rose Garden at the Brooklyn Botanic Gardens in particular.

Because of scheduling problems we were forced to move the 1993 annual Rose Sale to a Friday evening, and much to our dismay we learned that this was *not* a good time to hold a sale. Sales were much below normal, and only through the efforts of the Chairman, Jim Anderson, Paul Graber and Cec Lamrock were we able to dispose of the remaining stock in the days after the sale.

In June several members of the Board of Directors, as well as other Ontario members, went to the National Show in Vancouver. We did not sweep the prizes, but we felt we had done a great deal in bringing Toronto closer to the west coast. We all had a wonderful time and came back shouting about the joys of growing roses in British Columbia.

In July, Cec Lamrock and Paul Graber again organized a beautiful Show of Miniature Roses at Sherway Gardens. While the weather did not cooperate to get the minis to their peak, there was an enthusiastic crowd of visitors both days.

This past year we showed a deficit of over $3000.00 in our operating budget. This was largely due to two uncontrollable factors: the drop in interest rates which affected the return on our reserves, and the loss of royalties from our endorsement of rose fertilizer. We are busy looking for ways to make up this deficit, preferably without having to go to an increase in membership rates. Our first thought is to increase our membership, particularly outside of southern Ontario. This would allow us to enjoy economies of scale in printing and mailing, our major costs. At present we have 770 members, but we should certainly be able to reach 1000 in a country of 26,000,000. So if you have a friend, a neighbour, a

relative or even that nice man you do business with at the corner store, anyone with the least interest in roses, invite them in! If you have any ideas about how we can sell ourselves to the general public, we are listening!

We have nominated two excellent new members to the Board of Directors; Barbara Clarke and Geoffrey Cook. We are very sorry that two of our present Directors, Keith Laver and Bill Dunn both feel that age is catching up to them and they must retire from the Board. We shall miss them both very much. Keith is a Past President who has been a mainstay of both the Board of Directors and the Society for many years. Bill has managed our money with great care and has worked hard at just about every event this Society has ever been involved in. We hope that we are not really losing them - just giving them a little more time for themselves.

In recent days the Canadian Rose Society has lost two long standing and dear members. Dunlop (Dun) Goulding was a wonderful rosarian and a great supporter of this Society. His grandfather, John Dunlop, was written about in the 1993 *Fall Rosarian*. Frank Comper was a longtime CRS judge, and in his day he was a great exhibitor.

Ethel Freeman, the editor of the *Canadian Rose Annual* has announced that the *1994 Annual* will be her tenth and last one. This is her decision, not ours, because she has done a wonderful job and will be a very hard act to follow. She has been nominated as President of the World Federation of Rose Societies, and we are delighted to promote her candidacy in every way possible. At present she is the WFRS Vice-President for North America. Since she will be vacating that post, we have nominated a good friend of the Canadian Rose Society, Frank Benardella of the United States, for that position. We look forward to the WFRS convention in New Zealand in November, where we hope both will be elected. At the present time 21 of us from this area are making the trip, along with a group from the west coast. This means that Canada will be very well represented and we are very proud of that fact.

Our Rose Sale will be held on Saturday, April 30, 1994. Jim Anderson has already arranged an excellent selection of roses of all types from about eight different, good nurseries. This really is the best opportunity to add to your collection or to replace any bushes that did not make it through this appalling winter.

The 1994 National Show will be held in Toronto, hosted by the York Rose & Garden Society. It will be followed by the Miniature Show in July at Sherway Gardens. The Canadian National Exhibition has invited the York Rose & Garden Society to hold their fall show at the Exhibition and, needless to say, they will welcome any entries from members of this Society. The CNE and Sherway Gardens give us two really good ways to reach out to the general public.

In September we shall be offering our first Judges' Training Course in some years. Jim Anderson, along with a group of knowledgeable and experienced teachers, are hoping that anyone interested in becoming

a judge will participate directly. The lectures and demonstrations will be videotaped so that they can be used by candidates in other parts of the country who are unable to attend in person. However, we are encouraging as many as possible to come to Toronto, and to that end we are hoping to provide bed and breakfast locations to reduce their expenses.

I want to again thank all of the members of the Board of Directors for the outstanding jobs they do, and especially our wonderful Secretary, Anne Graber. She is a treasure in any and all circumstances. The Regional Directors, Harry McGee, editor of *The Rosarian*, Donna McQuay and company who look after the Slide Competition, the Demonstration Gardeners who welcome people to their gardens and give us publicity, and all the people who work hard to make the Canadian Rose Society the valuable resource that it is to rosarians and their friends and suppliers across the country - to all of them we owe a big thank you! For me, it has been a very real pleasure to be your leader, fearless or otherwise, for the last two years.

Doreen Stanton
President

1994 NATIONAL ROSE SHOW

by Doreen Stanton

The 1994 National Rose Show was hosted by the York Rose & Garden Society in Toronto on Sunday, June 26, 1994. It was a good show! In spite of the weather there were a lot of roses, but there were also some strange omissions. Not one 'Esmeralda' was in sight - a rose that has won quite regularly in the past and has appeared in many different classes. The floribundas were also in short supply, but there were some lovely shrubs and Old Garden Roses.

We received a number of entries from Dr. Patrick White of Victoria, British Columbia, which pleased us greatly. It is quite special to have entries from other parts of the country at a National Show, especially since it is neither easy nor inexpensive to enter them from great distances. Dr. White seemed particularly anxious to show off 'Silken Laumann', one of the roses representing the Commonwealth Games in Victoria. It is a handsome miniature rose hybridized by Keith Laver, and at least one of its blooms won a first prize for Dr. White. Phil Webster picked up Dr. White's entries from the airport and Audrey Meiklejohn readied them for the show table. You cannot get much better help than that!

If you were at the award presentations, you probably heard me say that if Anne and Paul Graber's Old Rose Bouquet had not been chosen Best Exhibit in the Show, I would have had the Head Judge's head. Well I still think the same way! The memory of its look and scent are to be cherished forever.

Not that the other prize winners were undeserving - far from it. There were a lot of gorgeous roses and some very lovely decorative designs. All in all it was a show to make a show chairman pleased and proud. To all the helpers -without you I'm nothing, with you the world's my oyster. Thank you all very much, not just for your physical labour, and there was a lot of that, but for your words of encouragement when I needed them most.

The following are the National Trophy Winners of the 1994 National Show:

TROPHY	VARIETY	WINNER
Three Specimen Hybrid Tea Blooms **W.J. Keenan Bowl**		Patrick White

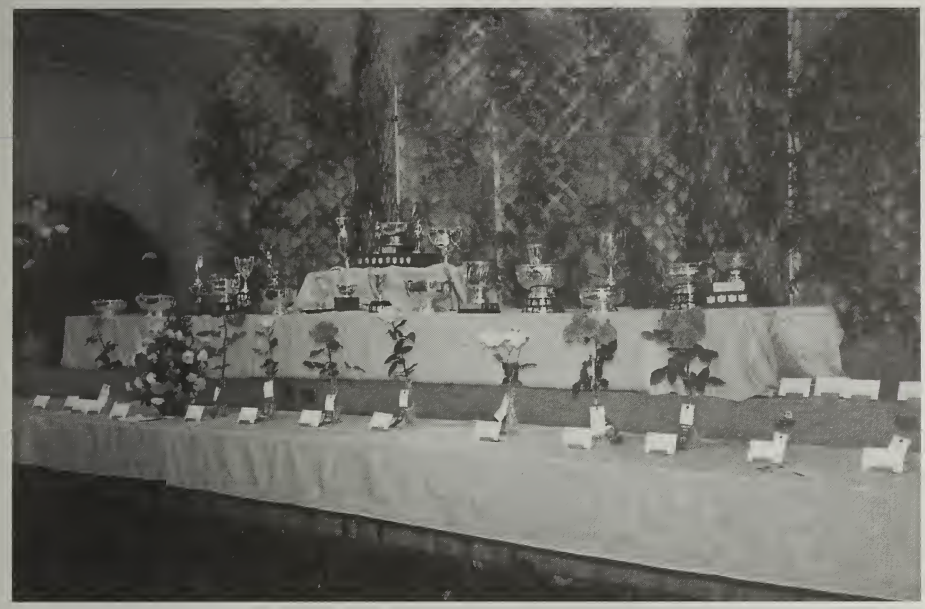
Five Specimen Hybrid Tea Blooms **Paul B. Saunders Trophy**	Claire Finch
Three Floribunda Blooms Different Varieties **P.L. Whytock Trophy**	Claire Finch
Three Stems/Sprays of any Climbing Roses **H.M. Eddie Trophy**	A.&P. Graber
One Specimen Bloom or Spray of any Rose originating in Canada **F. Blakeney Trophy**	Gib Whittamore
English Box of Six Hybrid Teas/Grandifloras **S. McGredy & Sons Cup**	no award
Seven Different Specimen Miniature Blooms **K.G. Laver Trophy**	G.&K. Wade

Other major winners were:

CATEGORY	VARIETY	WINNER
Best Rose **Alan Stollery Memorial Trophy**	Hot Pewter	Rob Pottle
Best Exhibit **Mike Goulding Award**	Old Rose Bouquet	A.&P. Graber
Best Red Rose **Red Rose Tea Award**	Ingrid Bergman	Denise Kennedy
Best White Rose **White Rose Award**	Pascali	Mary Mordy
Best Pink Rose **Archie Selwood Challenge Trophy**	Electron	Muriel Stafford

Best Yellow Rose	Peace	I. Elkholy
Mrs. Campbell Reaves Memorial Vase		
Best Other Color	Hot Pewter	Rob Pottle
Brig. A.E. Nash Challenge Trophy		
Best Floribunda	Iceberg	Claire Finch
T. Eaton Co. Ltd. Challenge Trophy		
Best Climber	Rosarium Uetersen	Claire Finch
Henry Birks Challenge Cup		
Best Old Garden	Mme Isaac Pereire	I. Elkholy
Sir William Meredith Trophy		
Best Miniature	Magic Carrousel	Cec Lamrock
Pinehaven Trophy		
Best Red Mini	Red Rider	G.&K. Wade
Red Rose Miniature Award		
Best Decorative Design		Lucille Giles
Harkness Roses of Hitchen, England Silver Cup		
Grand Sweepstakes		Claire Finch
Sir Harry Oakes Trophy		
Miniature Sweepstakes		Cec Lamrock
C.T. Wilson Challenge Trophy		
Design Sweepstakes		Lucille Giles
Mrs. P.A. Thompson Challenge Trophy		
Novice Sweepstakes		no award
Col. W.G. MacKendrick Challenge Trophy		

You will note that there was no award in the Novice Sweepstakes category because there were almost no novice entries. This makes us particularly sad because without novices you cannot continue to have rose shows for very long. We are doing our best to encourage people to show, and while we realize there are some who are too shy or non-competitive, there must be people who like to show off as well ! Do not be afraid to show what you can do! If you follow one half of the advice given in *The Rosarian* and the *Canadian Rose Annual* you will have better roses than most people; if you follow it all, you will be darn near unbeatable.



Winning Roses and Trophies

'MME. ISAAC PEREIRE'
Best Old Garden Rose in Show, won by Dr. Ismail Elkholy

Dr. & Mrs. Ismail Elkholy & Son
Receive Award from Doreen Stanton

'MAGIC CARROUSEL'
Best Miniature in Show, won by Cecil Lamrock

'HOT PEWTER'
Best Rose in Show, Best Other Colour in Show, won by Rob Pottle

Rob Pottle Congratulated by Doreen Stanton

'ROSARIUM UETERSEN'
Best Climber in Show, won by Claire Finch

Denise Kennedy, Gib Whittamore and Doreen Stanton

Phil Webster selling Minis

June Laver with a Display of the Miniature 'Silken Laumann'

AN ACCIDENTAL BLOOM

by Robert Osborne

Corn Hill Nursery Ltd.
Rte. 890 (Corn Hill), RR5
Petitcodiac, New Brunswick
E0A 2H0

I was never interested in flowers. The only sensible garden was one that produced potatoes or carrots or apples. Actually, it was the apples that started it all. At that time I lived in a place that might be called a gravel pit in a frost pocket, but I wanted to grow fruit. The peaches died the first winter. The pears and plums the second. The apples lived, so I read all I could find about them and talked to anyone who could tell me about growing them. I started to graft trees and fell in love with propagation. I began to dream of starting a nursery, but my first attempts were foiled by a soil that refused to yield to my efforts. Then fate sent my father northward to settle near me. His farm had rich soil and no bothersome spring frosts. Determined to try out the dream, my wife and I and our four children moved in 1980 and started the Corn Hill Nursery.

One of the interesting things about growing plants is that the more you grow the more interested you become in all plants. The apples grew well in the loamy soil on our new hillside farm, but I began to see that there was much more to tempt the curious horticulturist. Then I planted my first rose. As luck would have it I planted a tough French hybrid bred from the hardy *Rosa rugosa* named 'Blanc Double de Coubert'. When I plunged my nose into the first pure white bloom of that rose I was addicted.

I started collecting roses as fast as my meagre budget would allow, but I realized from the start that a site where bitter winds blew across the fields and winter temperatures could plunge to -40 degrees was not a suitable home for the hybrid teas and floribundas that beckoned to me from the glossy catalogues and rose guides. We needed the toughest of the tough. As our collection grew and flowered, we came to realize that the world's love affair with the hybrid teas had come at the expense of many wonderful roses whose colours, fragrances, forms and textures were as unique and exciting as the beautiful, but delicate, hybrid teas. It was like discovering a whole new species. Each variety was so different and so thrilling to watch grow. Best of all, these rose bushes were not fragile things that needed to be pampered, sprayed and put to bed in winter, but were robust shrubs that had real presence in the garden and grew despite conditions that would leave their sophisticated cousins blackened skeletons by spring.

On a chance wander through the Fredericton Research Station I found a bed of roses that would have a lasting effect on my life. One of the bushes was covered in lovely soft red double blooms. It was labelled 'L07'. Two years later 'L07' was released as 'John Cabot'. I had discovered the "Explorer" Series of roses bred by Felicitas Svejda of Agriculture Canada. These roses and other new varieties from breeding programmes in Europe and the United States added new colours, new forms and longer growing seasons to our growing collection. Suddenly the possibilities seemed endless, but collecting roses is one thing, propagating them for sale is another. I wanted everyone to be able to grow these incredible plants, but I also had to make a living if I wanted to continue the work. I needed to work out techniques for growing these roses in large numbers.

As all ardent rose growers know, most roses are actually two plants - the variety above the ground that is grown for its bloom and the rootstock under ground which supports the top. While budding roses is an efficient means of propagating them, I was not comfortable with the process. The rootstocks generally used were not as hardy as most of the varieties we were growing, and I considered the suckering that occurred from the rootstock to be a royal pain. I determined that we were going to grow our roses from cuttings so that they would be on their own roots.

I could find almost no information in books on the rooting of roses. Years were spent toying with different rooting mixes, different rooting chambers and various other techniques. This experimentation was often exasperating, always expensive and occasionally exhilarating. Twelve years later I can honestly say that we are beginning to know what we are doing and that the results have been worth the effort.

We have never used pesticides, herbicides or fungicides at the nursery. Our approach is to take care of the soil so that the plants can use their innate ability to defend themselves against insects and diseases. Having said this, I am a pragmatist. I realize that there are many plants that have poor defenses against such enemies. My answer is not to find a chemical that will destroy the enemies, but to grow plants with good natural defenses. Roses are considered among the most difficult plants to grow without protection, and indeed many roses are prone to blackspot, mildew, rust and other problems. Perhaps one of the most exciting aspects of growing the hardy roses is that many of them are much better equipped to deal with disease. By choosing those roses which best suit our criteria of beauty, hardiness and health, we are able to grow thousands of roses with no sprays at all.

There are so many good roses which are both hardy and healthy. The *Rosa rugosa* hybrids rarely get blackspot or mildew. Some excellent ones to try are 'Rosaraie de L'Hay', 'Therese Bugnet', 'Agnes', 'David Thompson', 'Jens Munk', 'Charles Albanel', 'Frau Dagmar Hastrup', 'Henry Hudson' and 'Marie Bugnet'. All of these, except 'Agnes' are repeat bloomers and are very healthy plants. Some of the new roses are

particularly satisfying in both health and hardiness. Try 'Captain Samuel Holland', 'Alexander Mackenzie', 'John Davis', 'Champlain', 'Louis Jolliet' or 'Simon Fraser'. When it becomes more readily available, get a 'Quadra'. This is a vigourous, healthy plant that produces exquisite, very double large blooms of deepest velvety crimson. 'Lambert Closse' is another new rose that has it all. It has very double, beautifully formed flowers, is very fragrant and is super hardy and super healthy. The future looks better than ever for hardy and healthy roses.

Through the incredible effort and loyalty of my staff and my family the Corn Hill Nursery is still alive - not a small feat in a culture that has shunted agriculture to the fringes of society. Although I tire of the monotonous drudgery of business, I never tire of growing plants. The sight of a new rose opening its buds for the first time in my garden is still a joy for me. I do not profess to know the mysteries of the universe. I can only absorb what my senses perceive, but when I look at the unfurling rose the larger questions haunt my mind. Perhaps both the question and the answer is the flower. It is a good enough reason to grow roses.

[*EDITOR'S NOTE: Robert Osborne is the author of the widely acclaimed Roses for Canadian Gardens, a book that which is invaluable for anyone interested in hardy roses.*]

GROWING ROSES IN THE NORTH

by Stephanie Fudge
Whitehorse, Yukon

Although I have lived and gardened in Whitehorse, Yukon for 21 years, I am a relative newcomer when it comes to growing roses. The consensus has always been that you cannot grow roses in the North because of the severe temperatures. Therefore, I was always a little hesitant about trying them.

This may have been the case when I first moved to Whitehorse. At that time it was quite common for winter temperatures to reach -40 to -50 degrees Fahrenheit (-40 to -45.5 degrees Celsius) for periods of four to six weeks at a time. However, as in many areas of the country, our weather has changed in recent years. Luckily for us, it has been for the better. Although there are still areas in the Yukon that are colder than Whitehorse, the severity of our winters has lessened to a great extent.

You may be interested to know that the mean daily temperature in Whitehorse from 1961 to 1990, as provided to me by the Yukon Weather Bureau, is as follows:

November	-10.0 C (14 F)
December	-15.9 C (3.4 F)
January	-18.7 C (1.7 F)
February	-13.1 C (8.4 F)
March	-7.2 C (19 F)

Over the years I have experimented and added new varieties of flowers and shrubs that are classified from Zone 4 to Zone 6. Lo and behold they have flourished, coming back year after year. For this reason I thought it was time I tried my hand at growing roses.

Four years ago I purchased two 'Bonica' roses as a test to see how they would survive our winters. I planted them in a mixture of composted manure, peat moss, bonemeal and soil. I watered them on a regular basis and fed them a fertilizer of 28-14-14 every two to three weeks. They thrived, blooming profusely during that summer and fall. I provided no winter protection other than a few inches of bark mulch around the base. They did winter kill to the snow level, however, they came back vigorously the next spring.

In light of the foregoing, I have since purchased more plants of 'Bonica' as well as other hardy rose varieties. I now have 23 rose bushes in my garden, and each year I like to try another variety. Other than 'Bonica', all my roses have been ordered by mail from Hardy Roses for the North in

A Bed of 'BONICA' in Stephanie Fudge's Garden
Whitehorse, Yukon

Grand Forks, British Columbia. These include 'Pink Grootendorst', 'Therese Bugnet', 'John Cabot', 'Adelaide Hoodless' and, now this year, 'Blanc Double de Coubert'. All of these roses were planted in the same medium of composted manure, peat moss, bonemeal and soil. Other than fertilizing every two weeks and pruning off spent flowers, I have found all these varieties to be virtually care free, disease free and very hardy.

Our growing season in the Yukon is shorter than in most regions of Canada. However, we are compensated by our longer hours of sunlight. Yukon is know as "The Land of the Midnight Sun," and the long daylight hours are not wasted by me. In fact, I can usually be found working in my garden until 11:00 p.m.

I hope my success growing various roses, shrubs and flowers that, in many cases, are classified for higher zones, will encourage other Yukon gardeners to experiment, and maybe together we can dispel the myth of the frozen North.

THE CASE OF THE MISTAKEN SWEETHEART

by Bruce Rennie

Rennie Roses
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Who can solve this mystery? How did it happen? These are questions that may well remain unsolved, but let us hope that the name "sweetheart" does not get lost. In the rose world "sweetheart" is not only the name of a pretty pink hybrid tea bred by Cocker of Scotland. It is also the term used with roses you buy from the florist to give to your own sweetheart.

Over the years many rose breeders have become associated with the particular type of rose that they developed. Gene Boerner is called Papa Floribunda. Pat Dickson is Patio Dickson. Ralph Moore is known as the Father of the Modern Mini. When you say Dr. Svejda you immediately think "Explorer" Roses. The names David Austin and English Roses have become almost synonymous. All these people dedicated themselves to creating a strain of roses that attracted them.

My own attraction is to the "sweethearts," and it began with the florist rose. What says 'I love you' better than a single stem rose of exquisite form with just a hint of fragrance? Why couldn't people grow these beauties at home? I found out that you could grow them, but most of them had a flaw in their make up. Some had leaves that were too large in comparison to their bloom. Others grew on plants which were too tender for our winters. The most common drawback was that most florists' roses had been bred to produce tall, leggy, single stems for the greenhouse growers to force readily. Just imagine the wind and rain ripping through a rose bed of these willowy beauties. So I decided that this would be my challenge - to produce sweetheart roses that would grow in the garden.

The sweetheart roses that I have bred have a florist rose as one parent and a miniature rose as the other. My idea was to select the qualities of the florist bloom and combine them with the health and hardiness of the miniature. I like to see a long stemmed bloom of two to three inches in size, of good form, with approximately 25 to 30 petals and the leaves in good proportion to the bloom size.

Perhaps my most recognized variety is 'Hap Renshaw', an apricot miniature that was introduced in 1991. It has had wide success as an exhibition rose, especially in the United States. One of my personal favourites is 'Innocent Blush', a sweetheart with pale blush pink exhibition

HAP RENSHAW (Miniature)
(Bruce Rennie, 1991)

Parentage: 'Party Girl' x 'Lavonde'

form flowers with a white reverse.

Initially I sold my roses by mail order but, for personal reasons, I had to stop that practise several years ago. During that time a few of my varieties were available from a limited number of nurseries in Canada. Ironically, they were more readily available in the United States, and especially in California, where they are widely grown and exhibited. To remedy this situation, I have decided to resume offering my roses in Canada through Rennie Roses as well as through those nurseries which were carrying them.

It is very difficult to define just one class of rose that falls between the miniatures and the floribundas. Right now patio roses and sweetheart roses fall into this area, but to me there is a great deal of difference between them. I consider a patio rose to be a cluster flowered rose which is larger than a miniature but smaller than a floribunda. It grows easily, repeats quickly and is especially well suited to growing in tubs or urns around a pool, a deck or on a patio. These roses are generally not of exhibition quality. Their purpose is to be colourful, decorative and provide constantly blooming sprays. They are pretty roses, but not the same as the sweethearts and, in my view, should not be classed with them. Unfortunately, today's market seems to be swinging to the patio name for them both.

One of the new vogues in roses is patio roses, and breeders around the world are racing to introduce their patio cultivars. In days gone by many of these would have been bypassed for other types of roses. So perhaps the sweetheart's glory days are yet to come. In reality roses have only one class and that is BEAUTIFUL!

HARDY ROSES FOR THE NORTH

by Barry Poppenheim

Hardy Roses for the North
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Fifteen years ago, my enthusiasm about roses began with the planting of twenty-five hybrid teas. The first season was a pleasurable experience! Lovely buds, scented flowers and exuberant growth. However, the work necessary to maintain a disease control programme left a little to be desired in my busy life. My winter protection method consisted of hilling each plant with a one foot mound of earth. Next, leaves or straw was placed around the mounds to provide extra insulation and then spruce boughs were added to hold the leaves and/or straw in place. That's a lot of work year after year. I simply wanted to grow and enjoy roses.

Soon I began planting and growing other types of roses -- shrubs, climbers and miniatures. Companion plants found their way into the borders, too. The older shrubs roses and some modern ones proved to be hardier and more disease resistant than the hybrid teas. I began to notice vigorous growth on the *Rugosa hybrids*, beyond all expectations of what books and catalogues had lead me to anticipate. Since my plant placement had been based on the mature height and spread cited in various sources, I became annoyed with what I perceived to be inaccurate information. Could the vigorous growth could be attributed to the understock? Gardening friends living in parts of the country with climatic zones more severe than mine (Zone 5) complained of losing or experiencing damage to hardy shrub roses. We were all growing budded roses at the time.

Occasionally, I read references to own root roses and articles on the hardy "Explorer" series hybridized by Agriculture Canada. I became intrigued. Quickly, I began to obtain information about hardy Canadian roses and roses on their own roots. It made sense! However, in my search for these plants, I soon realized that they were not readily available in western Canada. I bought and planted several varieties of "Explorer" roses, but all were budded. At that time I decided I would begin to propagate own root roses for myself and grow them on. Before long, I had an excessive number of roses in my garden. My half acre lot was no longer elastic! At that point I decided I would begin marketing my own root roses. Now my life involves operating my mail order business, specializing in growing and enjoying roses.

The nursery ships one year old roses grown in special deep, litre

(quart) pots. This allows them to have a well developed root mass. All roses are grown from cuttings rooted under fog in their own propagating house. The majority of cuttings are struck from mid May until the end of June. Rooting takes place in three to six weeks, depending on the variety. The current season's rooted cuttings are grown outside in pots during the summer. Before the autumn frosts arrive, we move the young roses to a greenhouse. There, growth continues during the winter. By late spring the plants are ready for shipping. Our facilities allow us to root and grow year round. Dormant plants over a year old in autumn are winterized in a controlled root cellar. They are brought out of dormancy early in the spring to be readied for shipping that season.

Why should one grow roses on their own roots? There are several advantages to own root roses. Own root roses are far more hardy than budded roses. The bud union is the most cold vulnerable part of the plant. It is always being damaged and/or winter killed. Should your own root roses experience an extremely severe winter and freeze to the ground level, do not be dismayed. They will still grow back in the spring, true to variety, and produce blossoms that growing season. What you purchased, planted and grew is still the same plant. You will not have a mess of rootstock suckers causing you unnecessary work. We know and believe it is ludicrous to bud a hardy rose onto a rootstock such as *Rosa multifora, Rosa laxa* or 'Dr. Huey'. Rootstocks tend to influence the autumn hardening off process. They are extremely vigorous and do not let the budded variety slow down its growth habit in autumn. Unripened wood goes into the winter and, needless to say, it does not survive. The more tender types of roses such as miniatures and David Austin English Roses have a much better chance of survival during severe winters when grown on their own roots.

A second advantage is that own root roses are truer to form and colour. Budding a rose onto a rootstock changes the size of the blossom, the petal count and the colour. Own root roses will make somewhat smaller plants. For example, a shrub may be four feet instead of five feet. This can be advantageous, as most gardeners today have limited space for rose culture.

Thirdly, roses on their own roots definitely have a longer life than budded roses. Own root roses do live a long and healthy life, sometimes to one hundred years or longer. After ten years or more, budded roses begin to form a large woody knot at the bud union. This inhibits the plant from putting out new vegetative growth to rebuild itself each year. The vigour of the bush declines and eventually it must be removed.

Another advantage is that the possibility of having virus with own root roses is minimal. There is no rootstock from which to acquire the virus. Budded roses, especially those from the United States, have a very high rate of virus infection. And finally, struggling with rootstock suckers is not a problem with own root roses. There is no understock to cause extra work.

We welcome visitors to our nursery at 5680 Hughes Road, Grand Forks, British Columbia. Grand Forks is situated in a valley in the Monashee Mountains of British Columbia's Southern Interior. It is about half way across the province, on the International Boundary in an area known as "The Boundary Country". Summers are hot and dry. Winters are short and somewhat mild, with some crunching cold snaps. Roses begin to bloom about May 20 and continue until early October. The peak of bloom in the garden is the latter part of June and into early July. I look forward to welcoming visitors to our Rose Display Garden!

EXPERIENCES WITH ROSES IN CENTRAL MANITOBA

by Morag McQuiston
Birtle, Manitoba

Here in Birtle, Manitoba we are in climatic Zone 2 and there is the possibility of frost every month of the year. Generally speaking, the hardier annuals and vegetables are planted over the May 24th weekend; tender plants such as tomatoes and peppers are best left until early June. Hopefully, the tomatoes, etc. have been harvested by the end of August. Otherwise, you have to be prepared to protect them every night.

In a good summer the temperature will be in the 80's Fahrenheit (26-30 degrees Celsius), and water is usually rationed. In winter the temperature can drop to -40 degrees and can stay there for a week or two at a time.

When we first moved here eight years ago, I planted various types of roses. I did not know about "own root" roses then, so I planted budded ones. Generally speaking, I planted them deeper than normal, with the graft union just below the surface of the soil. Needless to say, I lost quite a few roses! However, looking back, perhaps I was a bit hasty in those early years. I have since learned that patience will produce many blooms. Two of my hybrid tea roses, 'Christian Dior' and 'Helen Hayes', looked very dead this past spring. Since they were placed in the garden where they would be noticed immediately, I lifted them and planted them in a less obvious spot. I was duly rewarded with a couple of blooms - after the deer had bitten off their tops!!!

I do not know what our average snowfall is, but I do know there is generally enough to protect the hardy roses planted in the open. However, since we are blessed with plenty of sun in the winter, those plants that are against the south wall of the house lose their snow cover very quickly. As long as there is still snow around, I try to keep replacing the cover around these plants, but it is a losing battle. Thank goodness for own root roses in this situation.

During the worst of the past winter my husband was in the hospital - for two weeks locally and for five weeks in Brandon, ninety miles away. Needless to say, nothing in my garden received any attention until spring. There are two 'John Davis' and one 'John Cabot' in the beds against the south facing wall. All three plants came through very well, producing my first roses of the season. These roses were only planted last year, and yet at one point there were over 25 blooms on one 'John Davis'. This variety did not suffer any die-back. 'John Cabot' did die back to just above ground level, but has since grown to over six feet tall, with blooms all the way up the stems.

Last year I bought the David Austin rose, 'Mary Rose'. It bloomed beautifully last summer but suffered severe winter kill. It did send up new shoots from the roots this spring, but unfortunately they were eaten by cut worms or the deer almost as soon as they appeared. However, I am sure that with a good winter mulch this rose would have come through this past, severe winter. At least I certainly hope so, because this year I have planted two more Austin roses: 'Golden Celebration', a beautiful golden yellow, fully double rose that has provided lovely blooms, and 'Fair Bianca', which is growing well but has yet to bloom.

There were some roses already growing here when we arrived. They were 'Hansa' and 'Therese Bugnet' (I think). They are planted in the open, with nothing but snow for protection. They come through every year with flying colours. I prune them back hard in the spring and am rewarded with profuse growth and bloom all summer long.

I plant my own root roses in the spring, following the directions given by Barry Poppenheim of Hardy Roses for the North. That is, I dig a large hole, 18-24 inches deep by 18-24 inches wide, setting aside the removed soil. I put composted manure into the bottom of the hole. Then I mix more composted manure, compost and bonemeal into the removed soil, and fill the hole with this mixture, to within six inches of the top. I water this to settle the soil. Then I plant the rose in the hole about one inch deeper than it was in its pot, keeping its rootball intact. The hole is filled with more of the soil mixture and I water well to remove air pockets and to settle the soil. Landscape fabric is placed around the rose and this is topped with bark or decorative stone. Then all I have to do is wait for the blooms!

ROSE GROWING IN ICELAND

by Kristinn Gudsteinsson
Reykjavik, Iceland

Iceland is one of the arctic countries, with a climate that is similar in many ways to that of Alaska, Labrador, northern Scandinavia and several places on the Kamchatka peninsula of north eastern Siberia.

The Icelandic summers are rather cool, with an average temperature during the growing season (May to August) of about 50 degrees Fahrenheit (10 degrees Celsius). Frosts are rare after the third week of May, and night frosts can be expected by the first week of September. Usually we have rather mild weather during September and October, and sometimes even longer. Thanks to the Gulf Stream that brings warmth to the shores of our island, the winters can be considered mild, at least in the southern part of our country. We do not experience the really arctic winters of Canada and Siberia. The average temperature for January in Reykjavik is 30 degrees Fahrenheit (-1.1 Celsius). By way of comparison, the average January temperature in Winnipeg is 4 degrees F (-15.5 Celsius), in Montreal it is 13 F (-10.5 Celsius) and in Nome, Alaska it is 1 F (-17.2 Celsius). The temperature seldom falls below 10 F (-12.2 Celsius). The most important factor that restricts our growing possibilities is the low temperature during the growing season of May to August. Added to that is the fact that there is often a lack of sunshine during this same period. On the other hand, the long days of midsummer accelerate the growth of many plants. During the month of June, when the days are longest, we actually have daylight for 24 hours. To some degree these long days counteract the slow growing effects of the low temperatures.

No fruit trees of any kind can be grown here. Berry shrubs will occasionally produce some crops, but potatoes usually thrive, giving good, disease free yields. Many other vegetables such as kale, cauliflower, broccoli and early ripening carrots also grow well. Quite a few perennials and flowering bulbs also thrive, but only the hardiest species and varieties of trees and shrubs can be grown. Many Spiraeas are hardy and free flowering, as are some lilacs (Syringa). Specifically let me mention the magnificent Canadian x Prestoniae hybrid lilacs. They are a glorious sight during July, growing to a height of three to four metres, completely covered with flower panicles of great size. Several varieties of them are grown, and it was my luck to be the first to import these plants into our country.

Two rose species have been found growing wild in Iceland. *Rosa pimpinellifolia* (Burnet Rose, *R. spinosissima*) grows in several places and can be considered a true native species. *R. dumalis* has been found in only

one place and was probably brought here recently by birds. It is not fully hardy, and as far as I know, ripe hips do not form on it. Many cultivars of the Burnet Rose have been imported. Most of these are hardy and free flowering, especially those of Scottish origin. Many of them are unnamed and are simply described as 'Single Red', 'Double White', etc. The recently obtained 'Glory of Edzell', with its rose pink, white-centred flowers, looks promising. So does 'Kakwa', a very early flowering cultivar that I saw blooming last spring in the Botanical Garden in Reykjavik. I was told that it was imported from a Canadian nursery. I might also mention 'Harison's Yellow' and a seedling from it called 'Kilwinning'. The latter is a very hardy cultivar raised by Percy Wright. I imported these many years ago from A.J. Porter of Honeywood Nursery in Saskatchewan, along with several other hardy Canadian roses that will be mentioned later. The Asiatic members of the *pimpinellifolia* group of roses are grown in some gardens. The varieties 'Hispida' and 'Althaica' are best known. *R. rupincola* FISCH ex.SWEET is a little known species that seems to belong to this group. It is found in the Botanical Garden of Reykjavik and was grown from seed obtained in 1979 from a botanical garden in Latvia. It is perhaps the hardiest of all these roses, and as such, should be of interest to rose breeders. The most remarkable thing about this species is its long flowering period. Unfortunately, the *R. pimpinellifolia* hybrids raised by Kordes (the "Frühlings" group) are not hardy in Iceland. They need more "blood" from hardy roses.

Perhaps the most widely grown roses are the *rugosas*. There are too many varieties to mention them all. 'Hansa' is, of course, the best known. Every gardener recognizes it, and it is widely planted in public gardens and by the roadsides. The similar, but more compact, 'Moje Hammarberg' is better suited for smaller gardens, as is the new 'Dart's Dash'. These *rugosas* are all completely hardy. The Canadian *rugosa* hybrids 'George Will' and 'Wasagaming', bred by Dr. Skinner, are among the hardiest of all roses tried here. 'Therese Bugnet' and 'Prairie Dawn' are also hardy and are now widely grown. They were among the roses that I imported many years ago from A.J. Porter of Saskatchewan.

The new shrub roses hybridized by Agriculture Canada are now being imported for trial. Mr. Jóhann Pálsson, Director of Reykjavik Parks and Gardens, has obtained many of these and they are now growing in the Botanical Garden of Reykjavik. It is too early to judge these beautiful new roses. I hope they will prove hardy and suitable for conditions in Iceland. Many of these new roses are *rugosa* hybrids or are derived from the tetraploid *R. kordesii*.

Russian and Siberian forms and hybrids of the *rugosas,* growing here from seed recently obtained from botanical gardens in those areas, seem to be even hardier than the older forms, that are probably of Japanese origin. Last year, Mr. Óli Valur Hanson, an agronomist who is now more than seventy years old, travelled to Kamtschatka with the aim of

studying the woody plants and collecting seeds and cuttings of the great number of species found growing there. Included in the plant material he collected are seeds of three rose species: *R. acicularis, R. amblyotis and R. rugosa*. I was given seed samples from all these roses. The *rugosa* seeds were collected from three different places. The seed was sown in November 1993, and germination was observed in the middle of May 1994. The plants are thriving, and some variations can already be seen among the seedlings. The seed of the other species ought to germinate next spring. Because of our cool summers, *rugosas* do not usually show fully ripe hips in the autumn. I think that these new Kamtschatka *rugosas* will be more suitable for the Icelandic climate than those now being grown, and perhaps new and hardier *rugosa* hybrids will be bred from them. It should be noted that Dr. N.E. Hansen of State College in Brookings, South Dakota used Siberian forms of *rugosa* to produce his hardy rose hybrids.

Most of the old shrub roses are rather tender here. The exceptions are *R. alba* varieties such as 'Maiden's Blush' and 'Celestial', as well as some of the older varieties of *R. gallica*. Although not fully hardy, they flower freely and are compact growing, making them good choices for smaller gardens. We need to import more of them for testing.

R. moyesii thrives well in Iceland, as do many of its varieties and hybrids. They are vigorous growers and become quite large, even here. I have a 'Highdownensis' growing in my own garden that has reached a height of more than four metres. It is very free-flowering, and each year the remarkable, flask shaped hips ripen fully. *R. moyesii fargesii* is equally hardy, but more compact growing. *R. sweginzowii* has a similar growth habit, and is commonly grown in gardens here in Reykjavik. It is often used as a climber when planted close to a house or a wall. It also has lovely hips that brighten the garden long into the winter. *R. bella*has been grown recently and appears to be hardy. I have a rose in my garden that resulted from a cross I made about twenty years ago between *R. moyesii fargesii* and 'Dornröschen'. The plant grows to the same size as other *moyesii* hybrids and has light pink flowers of good size (9 cm). So far it is unnamed.

The Arctic Rose, *Rosa acicularis*, is not widely grown in gardens although it is among the hardiest of roses. On the other hand, its hybrids, and especially 'Dornröschen', are the most popular roses because their blooms are so similar to hybrid teas. One of the parents of 'Dornroschen' is the beautiful shrub rose 'Pike's Peak', which is much sought after but still very rare here. It is hardier than 'Dornröschen', but both of them need to be planted close to a wall in a warm place. While hardier than either hybrid teas or floribundas, they never become tall plants because of winter dieback. Dr. Griffith Buck used 'Dornroschen' in his breeding programme, but as far as I know his roses have not been tried in Iceland.

The ordinary hybrid teas and floribundas can only be grown in Iceland if they are planted close to the wall of a house or in the warmest parts of the garden. They do not begin to flower until the middle of August

and therefore can be considered as autumn bloomers. Great losses due to winterkill are usual. However, due to the beauty of their flowers people continue to grow them and replace them each spring.

As far as I know, the recently developed English Roses from David Austin have not been tested here. Some of them may prove hardy in our climate, but most repeat or continuous flowering varieties are not suitable for our gardens. The *rugosas* seem to be the exception. Plants need to have their wood well ripened in the autumn before the winter frosts arrive. Winter protection is of little use in Iceland, although it is sometimes tried with the tender hybrid teas and floribundas. For these the only possible hope is to find a warm place that is as sunny as possible.

On the whole, plants grown in Iceland are free of most diseases and pests. Blackspot is sometimes seen on certain varieties such as the climber 'Flammentanz'. However, it is one of the hardiest and most popular climbers grown. We are now waiting to see if any of the *kordesii* climbing types of the "Explorer" series from Agriculture Canada will prove to as good or better.

Mildew is sometimes seen on the tender hybrid teas. The most serious pests on roses and other woody plants are various types of leaf eating larvae. Spraying may become necessary. Rust attacks *R. glauca*, which is otherwise carefree. New hybrids of *R. glauca* are now being tried, that might have some resistance to this disease.

A considerable number of rose species are grown in the Botanical Garden in Reykjavik. Most of these are grown from seeds obtained from other botanical gardens in various parts of the world. Probably many of these roses are not the true species, owing to the fact that roses cross so freely. Attempts are made to obtain seeds collected in the wild, where the plants are actually growing and the locations have a climate that is the closest to our own.

In conclusion, listed below are those species which I have found to be the hardiest and of the most interest to rose breeders:

Rosa acicularis
Rosa alberti
Rosa amblyotis
Rosa beggeriana
Rosa bella
Rosa blanda
Rosa cinnamomea
Rosa davurica
Rosa glauca
Rosa glutinosa
Rosa holodonta
Rosa laxa
Rosa mollis
Rosa montana
Rosa moyesii
Rosa moyesii fargesii
Rosa nitida
Rosa pendulina
Rosa tomentosa
Rosa woodsii
Rosa xanthina

Strangely *R. canina* and *R. eglanteria* are not among the hardiest.

THE BEGINNING OF "SELECT ROSES"

by Bradley Jalbert

Select Roses
22771-38th Avenue, RR#9
Langley, British Columbia
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Many people have asked how I got into rose growing and what it was like starting in a business dominated by large retail chains with deep pockets. This is my story from the very beginning to the present (four seasons later).

While sitting in the staff room of the hot and greasy restaurant that I was managing in 1987, I noticed an advertisement for a horticulture programme at the Fraser Valley Agricultural College (now the University of the Fraser Valley). "Well, it certainly could not be any worse than this," I thought. Low pay and long, hot hours always seemed to attract me, but somehow, turning soil rather than burgers seemed a little more wholesome. I made an appointment with the programme director that very day, and in the end I signed up for a one year programme covering all the basic aspects of greenhouse and plant management. I should note that the programme only provided an introduction to what to expect in the horticulture business and that actual growing knowledge is a constant quest. During the course, I was not thinking about starting my own nursery; homework and studying kept me focused on just surviving midterm exams.

After graduation I began working for Clay's Nurseries, spending most of my time propagating rhododendrons and azaleas from tissue culture. The owners of the nursery were very helpful and supportive of my idea to start my own greenhouse business. By then rose growing had become a hobby and I was involved with the Vancouver Rose Society. As my interest in roses continued to develop and I received encouragement from VRS members, I began to realize that the Fraser Valley was desperately in need of a garden rose specialist. You see, in our area of British Columbia most nurseries only stocked California grown roses of limited selection. If you wanted an interesting shrub, an Old Garden Rose or a new variety of miniature, the Ontario mail order firms were your only option. In fact, almost all of the roses in my garden at that time had come from Carl Pallek & Sons or from Pickering Nurseries Inc. (Note: I still order roses from and highly recommend both these nurseries.)

Miniature roses were the most troublesome to find in British Columbia. Most local garden shops had a very few old varieties available, and if you were interested in exhibition miniatures, the walk was all the way

to Ontario once again. We did have a local wholesale grower of quality miniature roses, but the selection was too limited for many people's needs. Entries at our local rose shows were usually limited to older varieties and lacked a true representation of the modern miniature rose.

Early in 1989, in that old British Columbian spirit, the trees fell (selectively of course), and in their place a small and humble greenhouse arose. My father and I built the first greenhouse from the ground up. It was a 1000 square foot Gothic arch style covered in double inflated 3 year poly. I bought the best materials I could afford and saved on the wages. Fortunately Dad was used to working on kids' projects. Greenhouse #1 was completed in the summer of 1989. It was a fine little greenhouse, strong and stable, with far better finishing touches than most buildings like it in the area. I was so proud of it. Several friends from the horticulture programme came to see it and they were all impressed. One special friend said she would surely read about me in a gardening magazine one day.

My vision for the business was to provide a place where rose lovers, from novice to expert, could find the roses they needed and have an enjoyable visit at the same time. The first cutting was struck in the fall of 1989 and it started a new way of life for me. Most of my early cuttings did not root well and I wondered why they were not following the same book that I had studied at college. Those cuttings definitely would not have passed a midterm exam! Growing good plants, I have since learned, is 50% science and 50% art. The science part I knew, but the artist in me had yet to emerge.

The winter of 1989 was one of the worst in the history of British Columbia, with wind, snow and extreme cold wreaking havoc throughout the greenhouse industry. Dozens of local greenhouses crashed under the heavy snow, but my building stood like the Rock of Gibraltar. Unfortunately, due to heavy winds, the power was out for two days during -14 degree weather. One of the local farmers lent me several propane burners to heat the greenhouse and I stayed up all night to keep things running. All our flashlight batteries had died, so on the second night I was down to grandma's old kerosene oil lamp. Armed with grandma's lantern, I wandered out into the freezing wind around 2:00 a.m., just in time for a strong gust to blow out my dimming flame. The words spoken at that moment would burn the ink clear off this paper. I was not a happy camper and the new little cuttings were half way to compost. In a last ditch effort to save what I could, the plants were hauled right into our living room near the warmth of a wood burning stove. The winter finally ended, and I had a new respect for the good folks who live east of the Rockies.

The arrival of spring 1990 brought fresh new growth to the first lot of minis, along with friendly customers and words of encouragement from other rose growers. I was still working full time at my other job during that first year and was only open for business on weekends. However, Mom was always glad to take money from customers who happened to wander in

REIKO (Miniature)
(Bradley Jalbert, 1995)

Parentage: 'Winsome' x 'Springwood Gold'

This exquisite, baby pink hybrid tea type bloom is named in honour of British Columbia garden enthusiast, Reiko Meagher. The flowers are sweetly scented and the bush is compact, with glossy foliage.

during midweek. A mail order catalogue was also printed for the first season, with most of the orders coming from western Canada, as expected. The mail order is a small but satisfying part of the business because it gives people in remote areas a chance to join in on the fun. We have many customers still with us from the beginning who send letters and pictures about their gardens. It is fun reading the mail from our special friends. One of our regular customers in Manitoba sends money and a note saying "you know what I like, mail them when ready." Such confidence is definitely uplifting.

During the fall of 1990 the artist in me must have begun to emerge because almost 80% of my cuttings rooted. It seemed I could do no wrong. The winter of 1990-91 was milder than usual; the weather man said it was El Nino, but I **knew** it was my new power generator. Never again would old man winter catch me unprepared. Spring 1991 came and went quickly, with business growing steadily, but I was still at Clay's Nursery earning wages to support the greenhouse.

In spring 1992 we began construction on a new and larger greenhouse to fill the growing orders. Dad and I had learned a lot from building the first one and we made substantial improvements on the second building. The new greenhouse was taller, with better air circulation and plenty of room to grow hanging baskets overhead.

Fall 1992 had me propagating every spare moment, and rooting increased to 90%. I planned on expanding into the grossly under serviced large rose business for spring 1993 with a good selection of locally grown roses budded on *multiflora* rootstock. Varieties were carefully selected and an order was placed in the fall of 1992.

Spring 1993 saw the arrival of Select Roses as a powerful force in the local rose business. Nurseries were actually referring customers to us or were asking for rose advice to pass on to their own customers. I am always happy to answer their questions and I have developed a good relationship with most local nurseries. My clientele was beginning to emerge. They were both novice and experienced gardeners who wanted something not found elsewhere. They did not just want good roses. More importantly, they wanted advice from another gardener who knew how 'Dublin Bay' grew or could recommend a good fragrant red rose that would do well in our climate. These customers are the ones who come back year after year, bringing their friends and relatives with them. They are the roots of my business and without them Select Roses would not survive.

Fall 1993 and I was really cooking by now. The artistry was flowing, rooting was almost 100% and the large rose order was increased by 400%. Both greenhouses were almost filled to overflowing, and yes, I was still working part time at Clay's. Bookkeeping was becoming a real drag, so off to the computer store I went. Plans were made to improve the infrastructure of Select Roses and Dad was given the order to implement them. We also continued to expand the demonstration garden with many

more Old Garden Roses and climbing miniatures.

Spring 1994, full steam ahead, all hands on deck! An early and warm spring with loads of sunshine brought out the gardeners from miles around. At least half our customers drove over 30 minutes, and some over an hour, just to buy a Select Rose. It took the entire family to serve all our customers on busy April days. The first minis from my own stable were also released, and the new crop of seedlings looked better than ever. The part time job at Clay's came to an abrupt end, with full time demands at Select Roses taking top priority. This has been the best spring and summer for a long time as far as the weather is concerned: it is hard to believe but the west coast needs ***rain***.

The rose hybridizing programme began several years ago, but is only now beginning to unfold. I could write an entire article about it, but for now let me just brief you on my plans. Hybridizing is a fascinating part of the business. It can produce tremendous profits if you get lucky with a "pot rose," but more likely it will help pay the bills with a few nice garden rose introductions.

The first and most important things I look for in a seedling are health and ease of cultivation. The years of extensive use of pesticides are quickly coming to an end, so the demand for disease free roses will be very strong. Fragrance is nice but very difficult to breed for and seems to bring many disease problems. However, the public demands it, and what the public wants they should get. Everblooming roses are almost essential, along with quantity of blooms. I like our introductions to have a good plant habit and not require extensive staking or fussy pruning. Last on the list is "exhibition form" blooms. Over 95% of our customers will never show a rose; they just want pretty flowers in the garden. I have actually been quite surprised to see that most people are drawn to a seedling with ruffled or frilled blooms as opposed to those with formal, hybrid tea type flowers. Climbing miniature roses are very popular, and we have several such seedlings under test. I also have several mini shrubs that grow about two feet tall and two feet wide, showing promise. Next season I will start a programme to develop extra hardy miniature roses to complement the Canadian "Explorer" roses.

My first two registered roses are both red; 'Opening Act' has received the best response from gardeners, 'Cherry Wine' is a little more disease prone than I would like and so will be discarded shortly. Next year's introductions include a unique terracotta coloured mini that customers have all commented on. Edmunds Roses and Carl Pallek & Son both have a few of my floribundas under test. I have high hopes for the floribundas, as they have shown almost complete immunity to powdery mildew. I really enjoy looking at other amateur hybridizers' seedlings, and I am thrilled with the work of the Canadian group. I hope to keep in touch with most of the Canadian hybridizers to share information and ideas.

The most common questions that I am asked at Select Roses are:

1. What is the most troublesome part of growing miniatures commercially?

   Answer:
   Powdery mildew on roses in the greenhouse is a never ending battle. Several varieties such as 'Rise 'n' Shine' and 'Red Beauty' will no longer be grown because of the extreme problems they present. We use special commercial fungicides applied every seven days, but we still have a problem with some varieties.

2. What do most people look for in a rose?

   Answer:
   While everyone's taste is different, the overwhelming majority just want a rose that grows and blooms without a seven-day spray schedule. More extensive testing of new rose cultivars should be done. We hybridizers can be a little "stable blind".

3. Why aren't all roses fragrant?

   Answer:
   For the same reason rhododendrons bloom only once and marigolds die after one season. You cannot have everything in one flower. If all roses were equally fragrant, I feel it would take much of the mystique out of the garden. Flowers are like people, each with its own special characteristics.

4. Don't you ever get tired of talking to people about roses?

   Answer:
   Darn right I do. That's when I take off and fly my kite in the neighbour's cow field. Actually, most of the gardening public is very friendly and interesting to talk to, but being open seven days a week has its trying moments.

Select Roses has become **the** place to buy roses in the Fraser Valley. It could not have been built if not for the tremendous support of my family. Both my mother and father have worked tirelessly from the beginning just to help me get growing.

In closing I would like to say that my rose business has become a way of life. I wake up thinking roses and go to bed reading a rose book or magazine. Recently the manager of a large retail nursery commented on my business. He could not understand why people were driving over an

hour just to buy one rose from Select Roses. I handed him my catalogue and told him to read the first paragraph about our business goal. It reads, "Offer the gardening public access to the finest selection and quality of garden roses, combined with incomparable service and they will come." I never doubted for a moment that people would indeed drive that extra mile. I love my little rose business and ask that it provide me with no more than a modest living for my happy hours of work.

ROSES -WHEREVER YOU FIND THEM

by Eileen Ouellette
Pointe Claire, Quebec

With the renewed interest in old roses, Victorian decorating and fragrances from yesterday, people seem to be searching for the beautiful things they think their ancestors possessed. However, some of these are closer than we realize. For instance, catalogues are not the only place to find roses. They are almost everywhere - on balconies, on rooftops, in the ground, climbing trellises or rambling over embankments. The roses you see today are as beautiful as those grown by our ancestors. What makes them different is that hardiness and recurrent bloom have been bred into them, along with fragrance to a greater or lesser degree. The best way to experience them all is to join the new trend and go on as many garden tours as you can to public and private gardens. Two such wonderful opportunities occurred in the Montreal area during the summer of 1994.

The push towards hardier, disease free, repeat blooming roses has become a success story at the Agriculture Canada research centres at Morden, Manitoba and L'Assomption, Quebec. On June 18 rosarians were given an opportunity to view the newly opened facilities at L'Assomption. It is here that Dr. Ian Ogilvie and Dr. Neville Arnold are propagating roses by genetic engineering. The new laboratories and greenhouse areas are among the most up to date in the country. Rows of breeding stock could be seen in the fields, as well as newly transplanted, unnamed seedlings. Also much in evidence was the new introduction 'Lambert Closse', a double, soft pink beauty. Seven feet high plants of 'Agnes', completely covered with light yellow clusters of flowers, and plants of 'Hansa' towered over lower growing plants, illustrating how effective some of these old *rugosas* can be when given the space to develop.

On June 21 rosarians gathered at the Montreal Botanical Garden to witness the presentation of a larger-than-life sculpture to the City of Montreal by Monsieur Henry Chabert of Lyon, France. This was to commemorate the 350th anniversary of Montreal, and was a sign of friendship and of the appreciation of rose culture between the cities. Mayor Jean Doré accepted the sculpture of a seated lion, one of four identical pieces created in 1831 as ornaments for both ends of a suspension bridge that led to la Ville de Lyons. The bridge was demolished in 1994 and the lions were retired. A bed of the floribunda 'Regensberg' has been planted around the cement base on which the lion stands. This sentinel now greets visitors as they approach the main entrance leading to a huge steel archway into the garden.

To round out the festivities, Claire Laberge, the horticulturist in

charge of the rose garden and a Canadian Rose Society Regional Director, conducted a short tour. She was accompanied by André Bouchard, the newly appointed Director of the Montreal Botanical Garden.

It is impossible to describe the stroll through the rose garden, along paths bordered on each side by solid beds of modern roses. You must experience the impact for yourself. There are no wide-open spaces. Mature trees, both deciduous and evergreen, and tall shrubs divide and isolate groups of single coloured beds like giant brush marks on an abstract painting. The skilful blend of blue-pink roses in front of the grey foliage of Russian Olives surely speaks of an artist's sensitivity at work. Alice Winent's bronze sculpture of a young girl has been placed in a grove, looking down at the white polyantha 'Marie Pavié' all around her feet. The distant sound of falling water picks up the pace, and suddenly fountains come into view. Benches for the weary provide a resting place at the crossroads to other rose beds and other attractions. Here you can change the film in your camera and catch a few bright 'Rise 'n' Shine' miniatures growing just behind the bench.

Back along the main path, after pausing at several beds of floribundas, we come to the beds displaying the "Explorer," Parkland and Meidiland roses. The tall shrub bursting with small, soft pink, fragrant blooms is 'Martin Frobisher', the first of the "Explorer" series, introduced in 1968 by Dr. Felicitas Svjeda at Ottawa. The Parkland series are lower growing plants, originally developed by Dr. Henry H. Marshall at Morden, Manitoba. His work is being carried on by Lynne M. Collicutt and Campbell G. Davidson. 'Morden Blush', introduced in 1988, boasts the longest bloom period of any of the Parkland roses, as well as beautiful flowers that vary from light pink to ivory depending on the temperature. 'Winnipeg Parks', named for the centennial of the Winnipeg Parks and Recreation Department in 1993, is a dense, low bush with very attractive, rich rose red, almost hybrid tea blooms and red tinged leaves in the fall. Over there you see sweet 'Bonica' from France. Quickly moving to the *rugosas*, 'Blanc Double de Coubert', an 1892 double white from France, and 'Roseraie de l'Hay', a 1901 violet red, both hold their own in the midst of more recent cultivars. 'Fru Dagmar Hastrup' (1914) is a low grower that bears very fragrant single pink blooms, but it can reach a five-foot spread!

English roses are being tested here, both with and without winter protection, to determine the hardiness of each cultivar. Small bushes like 'Wise Portia' will make good additions to home gardens with limited space. Not everyone will love its mauve colour, but it is very fragrant. Larger cultivars such as 'Heritage' and 'Fair Bianca' repeat well and are also very fragrant. It is such a temptation to linger here, but we move on to the hybrid perpetuals where 'Baroness Rothschild' awaits us. Bred in 1868, this rose was one of the light pink favourites of the late Victorians. 'Mrs. John Laing', another hybrid perpetual, can still be found in private gardens throughout the eastern countryside. In case you have forgotten her, revisit

Henri Chadbert, Claire Laberge, Ian Ogalvie and André Bouchard
Montreal Botanical Garden - June, 1994

Sculptured Lion Presented to the Montreal Botanical Garden
by the City of Lyons, France

her at the Montreal Botanical Garden.

Further extensions to the rose garden are being filled with Old Garden Roses and species roses. In the centre is a trellis covered with climbers. The white, hybrid tea like flowers of 'Ilse Krohn' share the same structure with the single red blooms of Kordes' 1955 introduction, 'Dortmund'. Be sure to visit the garden early in the season to catch the species and the Old Garden Roses in full bloom. A notepad and pencil are essential as you wander through the maze of Gallicas, like 'Tuscany Superb', Centifolias like 'Fantin-Latour', Albas like the clear pink, quartered 'Felicité Parmentier', the Chinas like 'Old Blush', the Portlands like 'Jacques Cartier', and the sheer perfection of the pure white 'Madame Hardy'. The graceful green foliage of 'Celsiana' shows off the semi double soft pink blooms that resemble crumpled silk. The Bourbons like 'Mme. Louise Odier', with its recurrent clusters of warm pink blooms, charm with their rich fragrance.

Not to be forgotten are the beds at the extreme ends, which hold some lovely treasures. Here one finds the Musks and the roses hybridized by Dr. Griffith Buck. His 'Prairie Princess', a hardy, pale pink, vigorous climber, has been used in the breeding programme at Morden since 1971, and his 'Applejack' has been used at the research Station in Ottawa. The beds are also home to 'Ballerina' and 'The Fairy', which are always in bloom.

The last stop is a quick turn around the earthenware planters that hold miniatures. Each is centred with a miniature climber. Easy to root from cuttings, these wee hardy tykes give more per square inch of space than anything else in the garden. Think of them when the time comes to cut down on the amount of maintenance you are willing to provide or when you want to grow roses in pots, indoors or out.

(With thanks to the Agriculture Canada Research Station at L'Assomption, Madame Claire Laberge and Daniel Fortin of the Montreal Botanical Garden for valuable information in the preparation of this article.)

A ROSE GARDEN IN FINLAND

by Vesa Koivu and Rea Peltola
Finland

We live and garden in Finland, in the centre of the country. The entire country is situated north of 60 degrees N. It is the custom to describe Finland's location by saying that about 10 million people in the whole world live north of 60 degrees N, and 5 million of them are Finns.

COOL SUMMERS, COLD WINTERS

Our climate is not as harsh as it might seem from looking at the map. That is because the warm Gulf Stream flowing from the Gulf of Mexico embraces all of Fennoscandia. The average monthly temperatures in central Finland from 1961 to 1990 were:

January	+14 F	July	+61 F
February	+14 F	August	+57 F
March	+23 F	September	+46 F
April	+34 F	October	+37 F
May	+48 F	November	+28 F
June	+59 F	December	+19 F

The minimum temperature during those years was -38 F, recorded in February, 1966 and January, 1987. The highest recorded temperature was +88 F in June, 1988.

The gardener's problem is our cool summer. The length of the growing season is about 170 days in the southern part of the country and between 110 and 120 days in the north. The amount of effective sun energy during the growing season in southern Finland is 1300 degrees C. This is the same amount as that in Scotland, where the growing season is 240 days.

Finland is almost totally in the boreal area. The narrow band in the most southern part of the country is hemiboreal, where, for example, oaks (*Quercus robur*) grow naturally. Here, in central Finland, our climate is a bit more continental, with a lot of snow in the winter and slightly warmer summers. However, on the coast the summers are cooler and the winters may be almost snowless, so the ground freezes deeply.

Tress like *Ulmus glabra, Fraxinus excelsior, Tilia cordata* and *Acer platanoides* are rare, but can be found growing naturally on the better soils in central Finland. We live on the northern border of the area in which maples and *Corylus avellana* grow naturally. The wild roses in Finland are

Rosa majalis and *R. acicularis*, which grow in lush forests throughout the country. In the southern coastal region, *R. dumalis* and *R. mollis* can also be found.

THE MOST RELIABLE ROSES

Without a doubt, the best roses in our garden are:

-*Rosa pimpinellifolia* 'Plena'; 1.5 m high, a very old bush rose that is probably of Russian origin. 'Plena' grows in large thickets around our apple trees. The bush is lovely, with arching stems that are heavy with billowy, creamy white, scented, semi-double flowers for two weeks in midsummer. It also has beautiful autumn colour.

'Plena' is very common is Finland. In fact, country nurseries cannot sell it because there is already a bush or two of it in every garden. Town gardeners cannot obtain it from nurseries either, because it is hard to propagate from cuttings - so the nurseries sell less beautiful but more easily propagated varieties under the name 'Plena'.

'Plena' is also found in Sweden, but not in other parts of the world. The flowers remind one of the pictures we have seen of *R. pimpinellifolia* 'Double White', but seem to have more creamy yellow in them. Our own plant of 'Double White' has not bloomed yet, but its stems and foliage do not look like those of 'Plena'.

-*Rosa pimpinellifolia* 'Poppius' is slightly larger than 'Plena', but otherwise similar. Possibly, it is a hybrid between *R. pendulina* and *pimpinellifolia*. Its flowers are rose pink, semi-double, scented and appear a bit later than those of 'Plena'. Young shoots are red. It blooms as generously as 'Plena' but is rarer in Finland.

-*Rosa majalis* 'Törnedal' and 'Foecundissima'; 2 m high, large, impressive bushes with dull green leaves and funny, button-like pink flowers, very double flowers with narrow petals, scented, blooms in midsummer, a bit longer bloom period than *pimpinellifolia.* The flowers remind one of *Knautia arvensis*.

These roses are always grown on their own roots, and they are hardy in all of Finland, even north of the Arctic Circle. They need almost no pruning, and when established, they do not need any weeding either. They flower impressively, but only for a short time, and they do not repeat. The bushes take from three to five years to reach their full size and potential.

These vigorous and suckering roses need no fussing with at all. They are easy to propagate from suckers, and once planted in a well prepared bed, they only require fertilizing, weeding and perhaps some protection from voles during the first couple of years. A 'Plena' rose has been flourishing in the ruins of a deserted house in our neighbourhood for the last 30 years and it will go on growing until the encroaching forest casts its shadow over it.

Other hardy roses worth mentioning are:
-*Rosa rugosa*, which is commonly used to cover roadsides and edge parking areas; among its seedlings one can sometimes find beautiful double forms.
-*Rosa rugosa* 'Hansa'; 1.5 m, semi-double, crimson, scented flowers, remontant. This rose has been so popular in Finland over the last few decades that is has been called "the concrete of the plant world" by some garden architects. Both these *rugosas* are hardy north of the Arctic Circle.
-*Rosa pimpinellifolia* 'Staffa'; 1 m, suitable for small gardens, an old, suckering variety, salmon pink, semi-double, beautifully formed flowers, scented. It is hardy in our garden, but not up to the Arctic Circle.
-*Rosa alba* 'Maiden's Blush Great'; 2 m, should be suckering but ours is budded onto a rootstock so we do not know for sure. 'Maiden's Blush' has been found in old gardens in Finland and seems to be hardy, at least in the central part of the country. Fully double, scented, blush flowers last for about a month in July. We feel it is the best of the "finer" roses here.
-*Rosa* 'Minette'; 1 m, an old suckering variety that is rather common in old gardens and is hardy in the middle of Finland. The problem is that the blush, nicely formed, semi-double flowers do not open well in the rain, which often starts just when this rose comes into bloom.
-*Rosa gallica* 'Splendens'; 1 m, an old variety not usually found outside of Finland. It is hardy in our garden, with a short but beautiful flowering period in July. It has bright crimson, slightly semi-double flowers.

SOME LESS HARDY ROSES

The climbing roses most commonly used in the southern parts of Finland are 'Pohjantähti', 'New Dawn' and 'Flammentantz'.
-'Pohjantähti' is a Finnish-bred variety that is close to *R. multiflora*. It has almost single, small, white, scented flowers. Not really a climber, it has more of a rambling habit. It is a robust, bushy plant that is the hardiest of the climbing roses. We do not winter protect it in our garden, and we have no other problems with it. Its only drawback is that the flowers are rather modest.
-'New Dawn' flowers even in years when it has sustained frost damage, since its blush, double, scented flowers appear on first year wood. It is remontant, but needs winter protection in Finland. Even then, it will require the removal of dead wood most springs.
-'Flammentantz'; flowers are double, deep crimson, no scent. It will grow and flower in central Finland if located in a warm spot, but it needs even more winter protection than 'New Dawn'. In addition, it will not flower after a cold or wet winter. Because of its doubtful hardiness, we have not grown it in our own garden.

We have also tried some roses that we obtained from Great Britain. The most promising have been:
-'Rose de Resht'; very vigorous and a very good bloomer; ours has had all

Rosa pimpinellifolia **'Plena'**

kinds of accidents, including voles, but it still flowers from July onward. It has very scented, deep crimson, double flowers and is remontant. It needs the dead wood pruned out of it each spring, but it has been our joy in cool, wet and difficult summers.

- *Rosa pimpinellifolia* 'Stanwell Perpetual'; 1 m, suckering, partly creeping, remontant. It has scented, flat, blush white flowers. We have only grown this variety for three or four years, and in spite of attacks by voles and several very bad winters, it is still alive and flowering. However, it does not appear to be entirely hardy here.

-*Rosa muscosa* 'Henry Martin'; crimson, semi-double flowers, bush under 1 m, nicely formed bush, many scented flowers but practically no "moss" on the buds. It has proved rather hardy without winter protection as long as there is a snow cover.

-*Rosa francofortana* 'Empress Josephine' has only been here for one winter, but other *francofortanas* are hardy in our garden. It has very beautiful, scented, pink, double flowers, and is a very pleasant rose.

-*Rosa alba* 'Madame Plantier'; a bushy climber, 2 to 3 m, a *pimpinellifolia x alba* hybrid. It flowered well after a cold winter in which it was protected with sand. It did not do so well after a wet winter. It has fully double, white, scented flowers.

-'Blush Queen' has arrived recently, and seems to be flowering well at present. It has blush, very double, scented flowers, and is a bushy climber.

THE KESKAS PROJECT
(Hardy Roses from Old Gardens)

We have a project in Finland called KESKAS. Its purpose is to find and propagate old, hardy, woody decorative plant materials that are no longer available commercially. The project has been in effect for about ten years, and many good garden plants have been saved for future use. The roses 'Poppius', 'Staffa', 'Tornedal' and 'Foecundissima' have been found by this project. KESKAS has also found a few other interesting roses that should be hardy, at least in the southern parts of Finland. These are:

-*Rosa centifolia muscosa*; 1 m, a double, pink variety, scented, with thick "moss' on the buds. It is hardy in southern Finland, and we have not had any problems with it in our garden.

-*Rosa eglanteria* 'Magnifica'; 2 m, leaves smell like apples, flowers scented like "Glycerine and Rosewater", semi-double, bright coral-pink flowers, blooms for several weeks after the *pimpinellifolias* in July. It seems to be hardy here.

-*Rosa francofortana* and *Rosa spaethiana*; semi-double forms. They have pink, scented flowers that do not always open in wet weather. *Spaethiana* seems to be remontant in good summers. They are both hardy here.

-'Betty Bland'; 3 m, vigorous grower, semi-double, pink flowers, hardy in our garden. We use it as a hedge.

-Yellow *pimpinellifolia hybrids*; one has scented, single, beautiful flowers. It does not sucker and is hardy in our garden. The other has semi-double, scented flowers and is not quite as hardy.

ALL SUN, LOTS OF SNOW AND DRY SOIL

Our garden is situated in the middle of the forest, on the lower eastern slope of a 250 metre hill. The spring is usually rather dry, with the rains starting at the end of June. The plants must grow in the spring on the water that the soil has preserved from the melting snow. The autumn is wet, which is bad for hardening off the roses. The first frosts begin around the middle of September, and we have a lot of snow in winter, often more than one metre. The snow cover will be in place by the end of November, and it melts very quickly by the beginning of May.

Our soil is of mixed moraine, rather coarse and dry. We try to grow all our roses on their own roots, and we use very little fertilizer. What we do use is mostly composted manure and wood ash, with some added dolomite chalk. Weeds are kept under control with a mulch of peat moss and bark. We try to keep our plants from growing too lushly, so we do not have any pest or disease problems. Therefore, we do not use any pesticides or herbicides. By keeping the growth to a moderate level, the plants mature better in the autumn and give us fewer problems over the winter.

We have found that a 10-30 cm layer of coarse sand works best for winter protection, but we only use it on the most tender varieties. We do use plastic spirals to protect the shoots of the rarest roses from vole damage during the winter. We use raised beds for more tender roses, to protect them from the damage caused by melting snow and freezing water. It is important to ensure that the snow and mulch do not bend the stems of the roses to the ground; otherwise the stems may develop black spots during the winter.

AIMING FOR HEALTHY AND HARDY ROSES

We try to concentrate on hardy roses, and we let the tender ones dies unless they are VERY special. We grow these special ones by the south side of a barn. We also avoid watering; we water thoroughly when we plant and then only if the plants appear to be dying.

Our roses have been relatively healthy. In wet winters some of the less hardy roses develop black flecks on their stems - to a greater or lesser extent depending on the variety. During flowering, the buds of some varieties appear mummified if the weather is wet; the outer petals apparently become infected by some type of fungal disease. *Rosa foetida* 'Persian Yellow' constantly exhibits all kinds of diseases, and is bound for the compost heap very soon - we are not sure if there is something wrong with our plant or the variety is just not suitable for our climate.

After the first summer, we do not have aphids on our roses. We suspect that the high nutrient levels that most nurseries use make the plants susceptible to them.

Some people grow floribunda roses, even in the northern parts of Finland. However, they need a lot of winter protection and they are still often short-lived and must be replaced every third or fourth year. They also need a lot of pruning. We do not grow them because of the continual, year-round care that they require. The worry and fuss are not worth the little pleasure they provide. Hybrid teas - except for 'Peace' - are tender and need to be grown in glasshouses.

DREAMING OF A HARDY CLIMBER

We have a lot of room in our garden and are rather pleased with the various hardy shrub roses that we grow. Naturally, it would be nice to get few more remontant varieties, although we do like the one, wonderful flush of flowers that the old roses produce. It would also be lovely to find a truly hardy climbing rose with large, scented flowers. Maybe it is impossible, but at least we have something to dream about. It would be nice to know what the hardiest climbing species rose might be!

We wish you a rose-friendly winter!

A NEW ROSE GARDEN IN THE NIAGARA PENINSULA

Grimsby, Ontario Greets Travellers with Roadside Roses

by Joyce Fleming

It was an idea whose time had come. During the 1991 World Federation of Rose Societies Convention in Northern Ireland we had greatly admired the town and country plantings of roses. The memory stayed in the backs of our minds, and so, at an executive meeting of the Grimsby Garden Club we asked, "Why don't we plant roses along the highway that runs through our town like they do in Ireland?" For several years we had been funding plantings at local retirement communities, and we had a little money available for a new project.

When we were in Ireland, Sean McCann had pointed out that exhaust fumes from motor vehicles served as a deterrent to insects and diseases, so roadside plantings of roses made sense. The Garden Club executive was quite interested in the proposal and the President instructed us to see what we could come up with. So there we were, with our inspiration and the permission to try to see it through!

In the fall of 1992 we approached the Department of Recreation and Parks and suggested that the Garden Club would be willing to spend $1,000.00 to plant roses along the highway in front of the hospital. "No," we were told, "services are buried in the area so you couldn't possibly plant roses there." Since that was the only site we had considered, we spent the next two weeks thinking about other possibilities. A busy corner at the east end of town seemed promising. A gradually sloping berm of clay soil had been recently constructed there to protect a new housing development and playing field from noise and pollution. The slope of the area would provide good drainage for roses.

Before we could take this idea to Bruce Atkinson, head of the Grimsby Parks Department, he telephoned us to ask if we were interested in the very same site. We were on the same wavelength!

At the next meeting of the Garden Club, the executive unanimously endorsed this location and approved $1000.00 for the purchase of roses. We wanted to choose varieties noted for hardiness, disease resistance and low maintenance. Therefore, we decided to buy mainly shrub roses, many of which would be *rugosas*.

Soil samples from the site were sent to the laboratories of the Ministry of Agriculture and Food in Guelph, Ontario. The results indicated that only nitrogen was lacking, and this could be remedied by the application of ammonium nitrate (33-0-0) at the rate of one kilogram per 100 square feet.

Grimsby Rose Garden Site before Planting – Winter. 1992

Planting Day, April 1993

The First Blooms in the New Rose Garden

Meanwhile, we sent out specifications to three landscape architects, asking for a voluntary plan for the gardens. They were: the local landscape architect in town, a Garden Club member's son who was in his final year of study, and our daughter, Sheila, who was with the Toronto firm of Hough, Stansbury, Woodland, Naylore, Dance. We did not receive a reply from the local architect; the son of the Garden Club member was too busy at school; however, our daughter's firm approved of their staff becoming involved in some community service. So our daughter won by default.

Her plan for this site, nestled below the scenic Niagara escarpment, called for an inner semicircle of taller roses and three surrounding outer arcs of lower growing ones. At the berm side of the arcs, four ten-foot high trellises were to be added. They would extend an additional three feet into the ground to reach below frost level. The concept was that the gardens would be viewed as a series of steps; the escarpment in the background, the berm, the trellises to give height and architectural interest, the tall shrub roses and finally, the lower shrubs and ground cover roses near the road. Sufficient space would be left between the beds to give access to the town lawn mowers. The roses would serve as a cheerful welcome to travellers entering town, and the colourful hips would enhance the landscape all winter.

Members of the Garden Club received a progress report at each meeting and this sparked a great deal of interest in the project. George Pagowski of the Royal Botanical Gardens suggested roses that he felt most able to withstand salt spray from winter roads. However, we did not anticipate this would be a serious problem since the prevailing winds generally blow from the garden to the road. George also gave an illustrated lecture, which was very helpful. We kept the momentum up during the winter with another speaker, Bill Vanderkruk of Hortico Inc.

The Parks Department was extremely cooperative from the start and only asked that they be kept informed of our plans. They agreed to turn under the existing sod and prepare the beds. They would also spray and fertilize when necessary and supply mulch from the town's supply of wood chips. The Garden Club agreed to plant and prune the roses and keep them weeded. The bed preparation took place in the early spring of 1993. Although it was a time of tight budgets, the Parks Department offered to install the four trellises and the 20 pressure treated 4"x4" posts that would display the variety labels.

Drilling through the heavy clay proved to be very difficult work, but the Parks Department also installed two benches in concrete and a large stone bearing a plaque donated by a Garden Club couple. The last Saturday of April was designated "planting day," and seventeen volunteers turned out to help. The bare root roses had been ordered, ten to a variety, the previous fall from Hortico Inc. Some groups were divided in the planting, but most were planted in tens for mass effect.

The cultivars chosen are all hardy to Zone 6. They were:

David Thompson	Champlain
Jens Munk	Great Ormond Street
Swany	Scabrosa
Yellow Frau Dagmar Hartopp	
Dornroschen	Bonica
Rugelda	Monte Rosa
Rugosa repens rosea	*Rugosa repens alba*
Snow Pavement	Pierette Pavement
Morden Amorette	Sally Holmes
Ville de Roeulx	

The last variety is of interest because it is a product of chemical genetic engineering of *R. rugosa* done in Belgium.

The Parks Department watered the roses on planting day, and most of them have done well with no further irrigation. Fortunately, there was good rainfall in the spring. The June precipitation of 116.4 mm (6.5 inches) was the highest on record for June in 78 years. During the first growing season the total rainfall was only 356 mm (14.04 inches), compared to the 78-year mean of 420.8 mm (16.54 inches). However, because of the spring rains and the retentive quality of the clay soil, the garden still thrived. The Parks Department now plans to install a water outlet for the garden when it installs one for the playing field on the other side of the berm. There were legions of weeds that first summer, due to the sod content of the beds. Garden Club members worked in pairs, each for a two-week period, to weed the new beds.

September 26, 1993 was the date set for the gala ribbon cutting ceremony. This was just 18 months after the idea for the garden was first conceived. Invitations were sent to members of the town council, other dignitaries and to the Vanderkruks of Hortico Inc.

It was a splendid, bright and breezy day as the honoured guests and Garden Club members were piped onto the site by a piper in full regalia. Club President, Toni Sinclair, presided, and the Rev. Kathleen Hagey gave the opening prayer. As the Mayor of Grimsby and our Member of Parliament jointly cut the red ribbon, bugler Kenneth Tinnish of the Royal Regiment of Canada played a fanfare. At the reception that followed, cakes in the shape of the garden's curved beds were served.

An interesting story was told that day by Bill and Ria Vanderkruk. It seems that when Ria's aunt and uncle first came to Canada from Holland they stayed in the original farmhouse on this land and helped the owner grow and harvest the fruits typical of the Niagara peninsula - peaches, pears, plums, apricots, nectarines and apples (all members of the family *Rosaceae*). We had invited the granddaughter of this original landowner to the Opening Ceremonies, and she told us that her grandmother's handsome

1880 brick home had been surrounded by roses. Her grandmother had loved roses and had entered her best ones in the local shows of the day. It is very gratifying to know that at least a small portion of this farm land is still devoted to the culture of the rose.

Garden Club members feel a great source of pride that they were instrumental in establishing this small, but lovely, garden. The site has room for more beds, and these will be created in stages as funds from the Garden Club become available. We believe this garden has a rosy future. It can be used for pruning demonstrations and student botanical studies. It can also serve simply to delight eyes and noses! "A garden," said Gertrude Jekyll, "is a grand teacher," and it is to be hoped that this garden will be that and more.

(EDITOR'S NOTE: The new rose garden in Grimsby has been named The Fleming Rose Garden in honour of Joyce Fleming, a rose hybridizer and enthusiast, and her husband Bob, a well-known garden broadcaster in the Niagara peninsula and a former staff member at the Horticultural Research Institute of Ontario at Vineland Station.)

NEW HARDY ROSES REGISTERED by AGRICULTURE CANADA

by Dr. Ian S. Ogilvie
Agriculture Canada
801 Route 344
L'Assomption, Quebec
J0K 1G0

Two new roses were released by Agriculture Canada in each of 1993 and 1994. The 1993 releases, 'Frontenac' and 'Simon Fraser', were both additions to the "Explorer" series of hardy roses. These are bush types that have proved to be exceptionally hardy and floriferous. Both new varieties are tolerant to blackspot and resistant to mildew. They are currently being propagated by tissue culture and conventional rooting of cuttings. Limited numbers were available in the spring of 1994 and they should be more readily available in 1995.

The cultivar 'Frontenac' has been tested extensively at both Ottawa and L'Assomption for seven years and has proved to have the greatest flower cover at full bloom of any release yet made in the "Explorer" series. This is a medium to deep pink flowered shrub with flowers having approximately 25 petals. The flowering period between June and September has averaged approximately 14 weeks and plants are seldom without some bloom from the beginning of bloom until first frost. Only minor tip kill has been observed to date after the most severe winters. This variety should fill the demand for those who want an extremely floriferous hardy shrub with extreme hardiness and disease resistance. It is as floriferous as 'Champlain' (to date the most floriferous hardy rose available) but is much hardier and no problems with mildew have been observed. (Sometimes there is a problem with 'Champlain' in damp areas with little air circulation.)

The second 1993 release, 'Simon Fraser', is a much lower shrub than 'Frontenac'. It averages only 0.5 m in height, in contrast to 'Frontenac', which generally reaches 1 m at Ottawa and L'Assomption. This is also an extremely hardy plant and only minor tip kill has been observed over the past five years at L'Assomption. The first flowers to appear on this variety are usually single (five petals), but later ones have up to 23 petals of an attractive pale pink colour.

The roses released in 1994 are a medium size shrub in the "Explorer" series and a semi-dwarf selection. Both selections were made as special requests from institutions that wanted a hardy rose to publicise their presence.

The first of these roses, introduced under the name 'Lambert Closse', is an upright shrub with very double pink flowers resembling those of a hybrid tea. This line was selected by a committee from the St-Lambert Horticultural Society as a special introduction to mark their centennial. This plant, which had been designated as line U33, originated from a cross made in Ottawa by Dr. Felicitas Svejda between the yellow floribunda 'Arthur Bell' and the "Explorer" hardy climber/shrub 'John Davis'. The plant closely resembles a hybrid tea and produces very double, pink blooms repeatedly between the beginning of May and the end of September. The glossy foliage has a good tolerance to blackspot, although some infection can be found on the lower leaves late in the season when moist conditions occur. Some winterkilled wood is generally present after average winters, but only minimum pruning is required. Hardiness is somewhat greater than that of 'Champlain'. The plant has been tested for seven years at L'Assomption. Initial plantings from rooted cuttings made at parks in St-Lambert have wintered and established well. This rose, which has been registered with the American Rose Society and the Canadian Ornamental Plant Foundation, is an excellent choice for gardeners who want a hybrid tea type rose but need a hardier type that does not require extensive winter protection.

The second rose introduced in 1994 does not truly belong in the "Explorer" series. It is a semi-miniature trailing type that has been registered as 'Royal Edward'. This rose was selected by a committee from the McGill University Royal Edward Chest Hospital. The plant originated as a cross between *Rosa kordesii* as a female parent and a male parent originating from 'Suzanne', 'Red Dawn' and 'Zeus'. It is an extremely hardy type that produces clusters of semi-double (16 petals) light to medium pink flowers. This selection seldom suffers winter damage and generally does not require spring pruning, other than any shaping of the plant that is desired. The variety is also resistant to blackspot. This rose will be an excellent choice for gardens with limited space, the plant being only slightly larger than most miniatures.

These four new shrubs extend the selection of hardy varieties available to rosarians gardening in cold climates. They make an excellent choice for those demanding roses that will give a long display of bloom and yet require a minimum of care and maintenance.

In common with all previous "Explorer" roses, these roses have been selected for their ability to grow and flower well on new growth when started as rooted cuttings, in order to obtain the maximum benefit of their hardiness. All propagators will be advised that they should be grown on their own roots, as many hardy roses (particularly those imported from the United States and Europe) are often budded on rootstocks that may not be as hardy as the budded stock. Buyers in colder regions should insist that hardy roses be grown on their own roots. If only budded material is available, these should be planted with the graft union well below soil level,

so that the budded scion will eventually develop its own roots. When sub-zero temperatures occur before sufficient snow cover accumulates to provide natural insulation, even many of the hardier cultivars can be killed to ground level. However, if these bushes are on their own roots, sufficient regrowth from the crown and roots will generally provide enough new growth to produce good flowering by midsummer.

SIMON FRASER (Shrub)
(Ian Ogilvie, reg 1992, intr.1993)

RECENT LITERATURE ON ROSE RESEARCH

by Dr. David H.S. Richardson
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Halifax, Nova Scotia

[Editor's Note: Dr. Richardson writes this column of summaries of papers published in research journals throughout the world for The Royal National Rose Society's The Rose. Since the information in it is of interest to all serious rose growers, and since he is writing it from Halifax, we felt it should be available to CRS members. Therefore, with his kind permission as well as that of Peter Harkness, Editor of The Rose, the following is a compilation of this column for the past year. If you wish to read a full paper and cannot find it locally, Dr. Richardson will send you a copy if you send him an amount to cover copying and postage.]

Abdulnour, J., Arnold, N.P. & Barthakur, N.N. (1994)
Uptake of labelled phosphorus by rooted and non-rooted in vitro cultured 'John Franklin' rose.
Journal of Plant Nutrition 17:333-343

Micropropagated plants can either be rooted in vitro by transfer to a new medium or rooted directly in compost. The former is time consuming and expensive and the roots obtained are generally unbranched and lack root hairs. This study showed however that such roots are effective at absorbing phosphorus and translocating such nutrients to the rest of the plant.

Bauer, H. (1993)
Identification of "flower-sports" of Pelargoniums and roses by phenolic compounds.
Gartenbauwissenschaft 58:82-89

Breeders of the original variety from which "sports" of commercial value are marketed will, in future, participate in the royalties derived from the "sport". It is often difficult to prove the origin of a flower-colour "sport" but this can now be done by analysis of the phenolic compounds extracted from the bark of the rose bushes involved.

Bianco-Trinchant, J., Guigonis, J. & Page-Degivry, M. (1993)
Early release of ABA from cell walls during rose petal protoplast isolation.
Journal of Experimental Botany 44:957-962

The plant hormone abscisic acid seems to be bound to the walls of rose petal cells. ABA plays several roles, one of which may be regulating cell

expansion in the petal.

Chen, S.S. & Spiro, M. (1993)
Rose-hip tea: equilibrium and kinetic study of mineral ion extraction.
Food Chemistry 48:47-50

The mineral content of infusion of rose hip tea has been a matter of controversy, some claiming it is high in sodium, others that it contains calcium and fluorides. This re-examination showed that infusions contained the following metals in descending order of concentration: potassium, calcium, sodium and magnesium.

Non-metals included sulphate, phosphate, formate and acetate ion. Fluorides were not found and it was concluded that the earlier report was an analytical error due to confusion with formate and acetate.

de Vries, D.P. & Dubois, L.A.M. (1994)
Re-invigoration of clonal rose rootstocks by sustained micropropagation.
Gartenbauwissenschaft 59:81-85

Sustained micropropagation or hard pruning can rejuvenate plants so that cuttings taken from them root more easily. Root stocks clones from *Rosa canina* 'Inermis' upon which cut flower roses are grafted are grown from cuttings. These clones often become increasingly difficult to root. Sustained micropropagation reversed this trend and the more difficult-to-root clones benefited most from the after effects of micropropagation.

Fjeld, T., Gislerod, H.R., Revhaug, V. & Mortensen, L.M. (1994)
Keeping quality of cut roses as affected by high supplementary irradiation.
Scientia Horticulturae 57:157-164

In Nordic countries, there has been very little production of cut roses under glass in winter because of the low light levels. Since 1992 when supplementary light regimes for roses were perfected, winter cut rose production has increased significantly. Supplementary light does not affect the subsequent vase life of the roses, especially if flowers cut in bud are treated with opening solutions and dry storage is avoided.

Flament, I., Debonneville, C. & Furrer, A. (1993)
Volatile constituents of roses.
In *Bioactive Volatile Compounds from Plants* (R. Teranishi, R.G. Buttery & H. Sugisawa, eds.), American Chemical Society, Washington, pp. 269-281

The perfumes of 27 rose varieties were analyzed by 'head space analysis' rather than by extracting petals with solvents. This provides a more accurate analysis of the perfume constituents. Roses were classified into (a)

hydrocarbon types, eg. 'Sonia Meilland'; (b) alcohol types without orcinol dimethyl ether, eg. *Rosa gallica*; (c) alcohol types with orcinol dimethyl ether, eg. 'Margaret Merril'; (d) ester types, eg. 'Sutter's Gold' and (e) aromatic ether types, eg. 'Papa Meilland'. The results are shown diagrammatically (exhalograms) for each of the 27 varieties showing the major perfume constituents of each. These diagrams could be of value to rose breeders trying to reproduce a particular fragrance or develop a new one.

Fox, R.T.V. (1993)
Fungal Foes in Your Garden No 20: Rose Powdery Mildew.
Mycologist 7:79

A very brief account of this fungus which mentions that two strains have been reported, one on roses and the other on peaches. Suggestions for treatment include fertilizer balance, mulching and spraying.

Goszczynska, D.M. & Zeislin, N. (1993)
Abscission of flower peduncles in rose (*Rosa x hybrida*) plants and evolution of ethylene.
Journal of Plant Physiology 142:214-217

Rose buds do not normally fall off (abscise) except under dark conditions during shipment or storage. However, if the young flower bud is nipped off the top of the flower stalk, this will abscise. When the plant hormone auxin, (in its natural form - indole acetic acid (IAA)) is applied where the bud was removed, abscission does not occur. Large amounts of another hormone, ethylene, are produced during shoot growth and it enhances abscission. Auxin is thought to reduce the sensitivity to ethylene of the layer at the base of the flower stalk where abscission occurs.

Goszczynska, D. & Zeislin, N. (1993)
Abscission of flower peduncles in rose (*Rosa x hybrida*) plants.
Scientia Horticulturae 54:317-326

In some varieties flower buds tend to fall off (abscise) during transport of potted rose plants to market. However this does not occur to cut roses. This study showed that rose varieties can be separated in two groups, one represented by 'Nubia' and 'Celia' where the presence of the bud suppresses any tendency for abscission, and a second group, eg. 'Orange Meilliandina' and 'Yellow Meilliandina' where flower bud abscission is triggered by dark conditions.

Holton, T.A. & Tanaka, Y. (1994)
Blue roses - A Pigment of our Imagination?
Trends in Biotechnology 12:40-42

Yellow roses were unknown prior to about 1820 and were greeted with great enthusiasm. The quest for blue roses has been long but disappointing. The cultivar 'Vielchenblau' is perhaps the nearest. This fascinating article discusses the possible ways in which genetic engineering could lead to the formation of blue pigments in rose petals. Researchers from Australia and Japan are collaborating and their efforts may lead to the world's first true blue rose.

Kunitake, H., Imamizo, H. & Mii, M. (1993)
Somatic embryogenesis and plant regeneration from immature seed-derived calli of rugosa rose (*Rosa rugosa* Thunb.).
Plant Science 90:187-194

Rosa rugosa is an important species for breeding winter hardiness and disease resistance. The ability to grow callus (undifferentiated cells) in vitro on agar or in suspension culture provides a way of screening a large number of cells for a desirable mutation (eg. a colour sport). Such cells may also be fused after their walls are enzymatically removed, so allowing hybrids of species that would not normally cross. However, these callus cells have later to be induced to form an 'embryo' which can develop into a whole plant. In this species 3% of the 'embryos' derived from callus cells yielded plants, which is a useful number when one is dealing with a very large number of cells.

Lam, C.H. & Lim, T.K. (1993)
Efficacy of hexaconizole for the control of white rust on chrysanthemum and powdery mildew of roses.
International Journal of Pest Management 39:156-160

Roses and chrysanthemums are two temperate cut flowers that are cultivated in Malaysia at an altitude above 1000 metres in the Cameron Highlands. Dense planting under polythene sun shades results in 10-25% of the production costs going to disease control. Mildew is rampant, especially in the rainy season. Hexaconizole, a new triazole fungicide gave excellent control, much better than existing treatments.

Lukaszewska, A.J., Bianco, J., Barthe, P. & Le Page-Degivry, M.T. (1994)
Endogenous cytokinins in rose petals and the effect of exogenously applied cytokinins on flower senescence.
Plant Growth Regulation 14:119-126

Four types of the plant hormone cytokinin were identified in rose petals, namely isopenenyladenine (2iP), isopenenyladenosine (2iPA) and trans-zeatin (Z) plus transseatin riboside (ZR). Cytokinins are generally synthesized in the roots and transported to the foliage and flowers where they regulate development and ageing. Adding cytokinins to holding

solutions, especially 2iP, prolonged the vase life of cut flowers by up to 50%.

Lutz, M., Torres, M., Carreno, P. & Gonzalez, I. (1993)
Comparative effects of rose hip and corn oils on biliary and plasma lipids in rats.
Archivos Latinoamericanos de Nutrition 43:23-27

The consumption of vegetable oils, rich in linoleic acid and linolenic acid, has been encouraged in recent years as it results in lower cholesterol levels. Which vegetable oil is best? Rosehip oil from *Rosa moschata*, which is extremely rich in linolenic acid (28%), and corn oil from maize were fed to rats. Fat levels in tissues and cholesterol levels reflected how much oil (5 or 15%) was included in the diet, but there was no significant difference from feeding one or the other oil.

Marcelis-van Acker, C.A.M. (1993)
Morphological study of the formation and development of basal shots in roses.
Scientia Horticulturae 54:143-152

Basal shoots exhibit vigorous growth and easy rooting capacity and delayed flowering. Basal shoots are commonly formed in the first year after vegetative propagation but more rarely afterward. They are stimulated by pinching or pruning, low air temperature, high light or application of plant hormones such as cytokinins. This study examined the sequence and number of basal shoots forming from buds at the base of rooted cuttings.

Marcelis-van Acker, C.A.M., Keijzer, C.J. & Van De Pol, P.A. (1993)
Xylem pathways in rose plants in relation to basal shoot development.
Acta Botanica Neerlandica 42:313-318

The movement of water up rose plants was studied using coloured dyes to try and answer the question as to which shoot connects to a particular root *or* do several roots provide water to a single shoot. The main root supplies water to several shoots, each of which is connected to a segment of that root. When a new basal shoot appears, the conducting tissues of a root become enveloped in a new cylinder which supplies the new shoot but which may limit water reaching existing shoots.

Marcelis-van Acker, C.A.M. (1994)
Effect of assimilate supply on development and growth potential of axillary buds in roses.
Annals of Botany 73:415-420

In the very early stage, growth of a rose shoot is affected by the supply of

assimilates (sugars derived from photosynthesis) from the parent stem, but the eventual size of the shoot is mainly controlled by assimilate supply from the leaves of the shoot itself as growth occurs. This was studied by changing the number of leaves on the parent stem, mimicking commercial crops where cut flowers and their attached stems are periodically removed.

Marcelis-van Acker, C.A.M. (1994)
Ontogeny of axillary buds and shoots in roses: leaf initiation and pith development.
Scientia Horticulturae 57:111-122

This study on the anatomy of the cultivar 'Sweet Promise' revealed that a primary bud containing 11 leaves and four secondary buds is available for sprouting as soon as inhibition is removed (eg. by removing a flower and some of the underlying stem). The diameter of the pith was about 50% of the total in harvestable flowering shoots.

Marchant, R., Power, J.B., Davey, M.R., Chartier-Hollis, J.M. & Lynch, P.T. (1993)
Cryopreservation of pollen from two rose cultivars.
Euphytica 66:235-241

The viability of rose pollen stored in the fridge or deep freeze declines rapidly. However when such pollen is stored in liquid nitrogen it is subsequently able to fertilize rose flowers as well as when freshly harvested. This technique provides breeders with the ability to cross varieties that flower at different times.

Meynet, J., Barrade, R., Duclos, A. & Siadous (1994)
Dihaploid plants of roses (*Rosa x hybrida* cv 'Sonia') obtained by parthenogenesis induced using irradiated pollen and in vitro culture of immature seeds.
Agronomie 2:169-175

Many rose hybrids are tetraploid, i.e. have four sets of chromosomes and this has arisen from 200 years of uncontrolled intercrossing between various rose species. To reduce the chromosome level back to two sets, pollen was treated with gamma rays which enabled seed set but did not add the two paternal sets of chromosomes (destroyed by the rays) to the seeds within the resultant hip. The embryo in these seeds was cut out and grown in vitro, then transferred to soil. Eventually the plants flowered and produced pollen which appeared normal but was smaller in size, with potential for breeding programmes.

Rajapakse, N.C. & Kelly, J.W. (1994)
Influence of Special Filters on Growth and Post-Harvest Quality of Potted

FRONTENAC (Shrub)
(Ian Ogilvie, reg 1992, intr.1993)

Parentage: [('Queen Elizabeth' x 'Arthur Bell') x ('Simonet Red' x 'von Scharnhorst')] x {*R. kordesii* x [('Red Dawn' x 'Suzanne') x ('Red Dawn' x 'Suzanne')]}

Miniature Roses.
Scientia Horticulturae 56:245-255

Miniature roses are becoming very popular pot plants in the USA. The market value depends on the number and size of flowers and on the compactness of the plants. By using filters to alter the quality of the light under which the plants are grown, it is possible to produce more compact plants. However, if the greenhouse temperature is too high for prolonged periods, there is a tendency to develop a greater proportion of yellowed leaves following transport to the final vendor and this reduces saleability.

Roberts, A.V., Smith, E.F., Horan, I., Walker, S., Mathews, D. & Mottley, J. (1994)
Stage III techniques for improving water relations and autotrophy in micropropagated plants.
In *Physiology, Growth and Developments of Plants in Culture* (P.J. Lumsden, J.R. Nicholas & W.J. Davies eds.), Kluwer Publishers, Amsterdam, pp. 314-322

After micropropagation, plantlets are usually rooted and acclimatized gradually to the greenhouse environment with the help of misting or fogging systems which maintain a humid environment This is expensive and mortality from fungal infections is high. This chapter shows that by growing micropropagated rose plantlets on cellulose plugs in a hydroponic salt solution with high light, the plantlets are able to photosynthesize better and acclimatize faster. Designs are proposed to modify greenhouses or conservatories to provide the high light and carbon dioxide enrichment which would commercialize this research.

Roberts, G.L., Tsujita, M.J. & Dansereau, B. (1993)
Supplemental light quality affects bud break, yield and vase life of cut roses.
HortScience 28:621-622

Supplementary light is used for greenhouse-grown roses in northern climates. Light quality is very important. Reducing the proportion of red to far-red light cuts the number of flowering shoots by about 50%. The effect of high pressure sodium or metal halide lamps with or without filters on flower yield is examined.

Sun, W-Q & Bassuk, N.L. (1993)
Auxin induced ethylene synthesis during rooting and inhibition of budbreak of 'Royalty' rose cuttings.
Journal of the American Horticultural Society 118:638-643

The plant hormone auxin in the synthetic form, indole butyric acid (IBA), is applied to the base of cuttings to stimulate rooting. However, it becomes

transported up the cuttings where it enhances the production of another hormone, ethylene. This, in turn, inhibits budbreak, especially when IBA is used in high concentrations for rooting.

Torres, A.M., Millian, T. & Cubero, J.J. (1993)
Identifying rose cultivars using random amplified polymorphic DNA markers.
HortScience 28:333-334

This new DNA fingerprinting method, part of modern genetic engineering technology, offers a rapid and relatively inexpensive way to identify plant cultivars correctly. For protecting plant patent rights, it is essential to be able to distinguish similar cultivars. The fact that this method, called RAPD for short, could successfully distinguish five tested rose cultivars may be of importance to major rose breeders.

Urban, L., Pyrrha, P. & Perez, G. (1994)
Effet de la saison sur la transpiration de feuilles de rosiers cv Sonia, cultives en hors-sol, a 2 niveaux d'electroconductivite et d'humidite relative.
Agronomie 2:103-111

This study describes the successful cultivation of rose plants cultivar 'Sonia' on rockwool in heated greenhouses using hydroponic methods. Water loss from plants in high and low humidity greenhouse treatments is discussed.

Wong, S-M & Horst, R.K. (1993)
Purification and characterization of an isolate of apple mosaic virus from rose in the USA.
Journal of Phytopathology 139:33-47

Apple mosaic virus and prunus necrotic ringspot virus are prevalent on roses in the USA. When fully expanded cotyledons of cucumber (var. "Lemon") were mechanically inoculated with rose sap, the virus multiplied and the test plants developed symptoms, if the virus was present. The virus could also be maintained on Madagascan periwinkle (var.little linda). Using these plants it proved possible to isolate, purify and photograph the virus with the electron microscope.

Zykov, K.I. & Klimenko, Z.K. (1991)
Genetical Aspects of Garden Rose Breeding
Genetika 29:68-75

This paper, in Russian, reviews the genetics and formation of colour pigments in roses. It may be useful to some readers as it provides a list of Russian references on this subject.

THE CLEARING HOUSE

Compiled and edited by
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For the 1993 Clearing House, which forms part of the 1994 Rose Annual, it was a pleasure to receive 607 reports from 57 contributors, a few less reports but 7 more contributors than last year. Distribution of contributors by area and the total number of reports for the past two years are shown below:

PROVINCE/USA	1992 CONTRIBUTORS	1993 CONTRIBUTORS
Alberta	3	3
British Columbia	20	20
Manitoba	6	7
New Brunswick	0	1
Nova Scotia	0	3
Ontario	11	13
Prince Edward Island	1	1
Quebec	2	2
Saskatchewan	3	3
U.S.A.	4	4
TOTAL CONTRIBUTORS	50	57
TOTAL REPORTS	628	607

Congratulations to BC for the largest number of contributors, and to Manitoba, New Brunswick, Nova Scotia and Ontario for increasing their numbers. Of the 57 contributors, 16 are new and 5 have returned after a couple of years absence - a warm welcome to the Clearing House. I have a number of inquiries and offers to contribute to the 1994 Clearing House for the 1995 Rose Annual. The Clearing House Packages (including reporting forms with instructions for completion, and a return address envelope) are mailed the 1st week of August to all present contributors and those who have expressed an interest in sending reports. Anyone who might like to contribute should write to me at the above address - a Clearing House Package will be sent to you. If you need extra forms, I always have plenty - no need to photostat them yourself, just drop me a note. Perhaps you can persuade a friend to send reports.

Thank you for your concise, informative and interesting reports. Your letters of encouragement are also appreciated, and are one reason why the Clearing House continues, year after year. Please keep the reports coming!!

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PLEASE NOTE: The full name and address of each contributor is listed above; surnames only are used in individual reports.

HARDINESS ZONES

This year we have again included the Hardiness Zone after each contributor's name and address in the List of Contributors. Shown below are the Hardiness Zones extracted from 'Canada's Plant Hardiness Map, compiled for the Department of Agriculture, Ottawa. There are 9 zones - '0' representing the severest zone and '9' the mildest. Each zone is divided into two parts - 'a' being the colder section of that zone, and 'b' being the milder section. The principle factors determining the 9 different zones are the temperature of the coldest month and the length of the growing season, but the amount of rainfall from June to November, mean maximum temperature of the warmest month, depth of snow cover or lack of it, and the strength of wind gusts are also taken into account. There are other factors which could make a difference between two areas which are in the same subsection of a particular zone, e.g., microclimates (natural or man-made), sharp changes in elevations (as elevation increases temperature drops, valleys gather frost earlier in fall and later in spring), proximity to water, and bordering on the next zone.

ZONE 0a	ZONE 1a	ZONE 2a	ZONE 3a	ZONE 4a
0b	1b	2b	3b	4b

ZONE 5a	ZONE 6a	ZONE 7a	ZONE 8a	ZONE 9a
5b	6b	7b	8b	9b

NOTE: In some cases the town or rural area could not be identified on 'Canada's Plant Hardiness Map', which shows only cities or large towns, or it was on the borderline between two areas. If we have incorrectly identified your area zone, please advise Audrey so she can revise your listing.

NOTE: Varieties marked 'NR' after the date of hybridization or date of introduction have not been registered to date with the American Rose Society, which serves as the International Registration Authority for Roses (IRAR).

ABBREVIATIONS USED IN TEXT

plant - pl	year - y
height in feet - '	height in inches - "
hybrid tea - HT	grandiflora - Gr
floribunda - F	large flowered climber - LCl
shrub rose - S	miniature - Min

The abbreviation 'int' is used for 'date of introduction' and IRAR is the International Registration Authority for Roses.

ABBREVIATIONS USED FOR AWARDS

AARS	All-America Rose Selection
ARC	American Rose Centre
AOE	Award of Excellence (miniatures)
FA	Fragrance Award
GM	Gold Medal
PIT	President's International Trophy (England)
RNRS	Royal National Rose Society of Great Britain
ROTY	Rose of the Year (Great Britain).

COLOUR CLASSIFICATIONS

When known, both the Canadian Rose Society and the American Rose Society colour classifications are given, using the abbreviations shown below.

	C.R.S.	A.R.S.
White, near white & white blend	W	w
Light yellow	LY	ly
Medium yellow	MY	my
Deep yellow	DY	dy
Yellow blend	YB	yb
Apricot & apricot blend	AB	ab
Light pink	LP	lp
Medium pink	MP	mp
Deep pink	DP	dp
Pink blend	PB	pb
Orange & orange blend	OB	ob
Orange pink	OP	op
Orange red	OR	or
Medium red	MR	mr
Dark red	DR	dr
Red blend	RB	rb
Mauve & mauve blend	M	m
Russet	R	r

If we find a colour description in Modern Roses 10, or a Rose catalogue, this is included after the colour classifications.

PLEASE NOTE: The comment "no reports" indicates the variety was reported in previous years but no reports were received in the current year. A rose is reported for 7 years, plus the current year, then it's "Last year for reporting this rose".

AGNES BERNAUER, HT (Kordes int '89 NR) (Die Welt x Rainy Day). LP (lp), 36 petals. Shewchuk (1 pl 2 yrs 2.5' AB): 4.5-5" bloom, good exhibition show rose, good substance, light fragrance. Stands up well in heat and rain, good repeat. Upright neat bush, large medium green glossy foliage, reddish growing tips, no disease, winters well with proper protection.

AGNES WINCHEL, HT (Winchel '89 int '90) (Dorothy Anne x Seedling). PB (pb), light pink/deep pink border, 28 petals. Clausen (2 pls 3 yrs 18" IL): Double bloom, exhibition form, good substance but sparse bloomer. Poor growth habit, having terrible time to get any size. I'm budding it to *multiflora* rootstock, maybe it will improve vigour. Dark green foliage, disease-resistant, hardiness is good.

AMALIA, HT (Meilland int '86 NR) [{(Queen Elizabeth x Karl Herbst) x Papa Meilland} x (Tamango x Suspense)]. MR (mr), 24-29 petals. Heaslip (1 pl 3 yrs 5' BC): Huge, bright red bloom, looks like a poppy, sometimes exhibition form, very heavy substance. Tall grower, dark green foliage, no disease. Smallenberg (1 pl 3 yrs 5' BC): Double 5.5" bloom, in singles and sprays of 3, slightly cupped almost exhibition form, excellent substance, profuse bloomer. Beautiful garden variety, first to leaf out in spring, last to finish blooming in fall. Long lasting on bush or cut, definitely one to grow. Upright branching growth habit, dark green leathery foliage, no disease. (Last year for reporting this rose).

AMERICAN DREAM, HT (Winchel '87 int '90) [(My Dream x Charles Mallerin) x Seedling]. DR (dr), 25 petals. ARC TG(G) '86. No reports.

AMERICAN SPIRIT (MEDAL OF HONOR), HT (Warriner '88) (Seedling x American Pride). MR (mr), bright red, 35 petals, ROTY '88. Decker (1 pl 4 yrs tall AK): Dark red here, high centred blooms but often confused centres, good substance, rainspots, balls in cool weather. Medium bloom cycle, not prolific. Upright grower, medium green semi-glossy foliage, heavy mildew. Shewchuk (1 pl 5 yrs 3' AB): 5"+ bloom, 40 petals, fade resistant, high-centred exhibition form, good substance. Stingy with bloom, slow repeat. Compact upright bush, medium green semi-glossy foliage, mildew this year, wintered well with proper protection.

AOTEAROA-NEW ZEALAND, HT (McGredy '89 int '91) (Harmonie x Auckland Metro). LP (lp), 34 petals. Brown (1 pl 1 yr 2.5' BC): Large exhibition form bloom, good substance. This looks like one rose that will live up to its excellent rating of gigantic bloom, disease resistance and heady perfume, to be a workhorse for hybridizers. Bushy upright growth habit, dark green glossy foliage, no disease. Cochran (2 pls 1 yr 4-5.5' CA):

Beautiful soft pastel pink bloom with deep blush reverse, non-fading, perfect exhibition form, great texture like all McGredy roses, beautiful sweet fragrance. Winning 'best in show' here in California. Upright grower, dark green glossy foliage frames the perfect blooms, fully disease-resistant, tender in winter. Will order more. Meagher (1 pl 1 yr 2' BC): 3-4" bloom, ovoid buds open to exhibition shape with strong stems, good substance, fragrant. In clusters and singles, good repeat. We like it, good as cut flower, wish we had room to grow more. Upright grower, mid green foliage, good disease resistance.

AUDREY HEPBURN, HT (Twomey '91 int '92) (Evening Star x Seedling). LP (lp), blush pink fading to lighter pink, 30-32 petals. Beattie (2 pls 3 yrs 2.5-3' MB): Lovely pointed bud, large double exhibition form bloom, good substance. A very nice rose, great for exhibition, repeats very well. Quite satisfactory. Upright bushy medium size grower, dark green glossy foliage, good resistance to mildew and blackspot, hardiness OK with good protection. Feindell/Whiteside Garden (2 pls 1 yr 4' NS): Bloom not as good as expected due to dry weather, bloom small but perfect, fair substance, a very pretty shade. If this rose winters I anticipate better luck next year. Dark green disease-resistant foliage. Fosh (1 pl 2 yrs 3' MB): Delicate pink colour, exhibition form, good substance, I really like this lovely rose. Blooms keep their shape very well in arrangements and outside. Could be a stronger bush, foliage not too good this year. Only sprayed once or twice in June, then the rains came! Double our normal rainfall, little sun, cool weather, result - blackspot. Should be moved, shaded by taller bushes. Hardiness is good. Shewchuk (2 pls 2 yrs 2.5' AB): 5" bloom, somewhat loose form, good substance, moderate fruity fragrance. Prolific bloom, good repeat. Neat upright grower, large dark glossy foliage, mildew-resistant, winters well with proper protection. Smallenberg (2 pls 1 yr 4' BC): Light pink paling to creamy pink, elegant bud unwraps slowly to loose exhibition form 5" bloom but opens fairly fast in hot weather, good substance. A ladylike bloom - very appropriately named, lovely to grow. In singles, excellent repeat, good stems, few prickles. Vigorous slightly spreading growth habit, long dark green glossy foliage, touch of mildew.

AUDREY MEIKLEJOHN, HT (White Rose Nursery int '91). MY. Baillie (1 pl 1 yr 2' ON): Lovely high-pointed exhibition form blooms, good substance. This was a potted rose, planted late, have seen some better bushes than this one, but I like it. Spreading grower, good foliage, no disease, may be tender. Cadsby (1 pl 2 yrs ON): Exhibition size and form, good substance. Growth is slow, 2nd year was no better than the 1st, no disease. Normally I don't buy a poor quality bush, mine should not have been sold by the Nursery. Graber (1 pl 2 yrs 3' ON): Strong pure yellow, doesn't fade, exhibition form, very good substance, lots of one bloom per stem. Repeats well and lasts a long time. Upright grower, dark green

glossy foliage, no disease, hardy. Hopkins (1 pl 2 yrs 3.5' ON): Double bloom, high centred exhibition form, good substance. Some improvement in 2nd year, few blooms but the few did look very nice, looking for more improvement next year. Bushy grower, some disease, hardy.

BARBARA BUSH, HT (Warriner '90 int '91) (Pristine x Antigua). PB (pb), salmon pink to ivory/reverse pink to white, 25-30 petals. No reports.

BARKAROLE (GRAND CHATEAU), HT (Tantau int '88 NR). DR (dr), very deep velvety red, 36 petals. Shewchuk (2 pls 2 & 1 yr 4' AB): 5" dark red bloom, outer petals black-tipped, high-centred exhibition form, good substance, fragrant, good repeat. One of my best dark red roses. Neat upright grower, large dark semi-glossy foliage, no disease, winters well with proper protection. Thompson (1 pl 2 yrs 7' BC): Blackish red double bloom, does not hold at 'show point', goes on to open and then holds, good substance. A sky-scraping joy! Tall grower, unique foliage, no disease. Williams (1 pl 2 yrs 5'+, BC): Exhibition form, excellent substance, singles, borne on long stems but sparse. This rose consistently sends up show quality blooms, only trouble is it's so tall the blooms on big strong stems look odd. Perhaps I've overfed it. Good foliage, not too bad for disease.

BIG DUKE (DUKE WAYNE), HT (Weddle '91 int '87) (The Duke x Seedling). DP (dp), deep pink/silvery reverse. Clausen (3 pls 2 yrs 4' IL): Double bloom, high centred form, good substance. Slow to establish on first year maidens, 1993 produced some quality blooms but scarce in number. Average growth habit, good dark green foliage, some disease, hardiness is good. Stedman (1 pl 2 yrs 3' PE): 2nd year plant seems to have good vigour and hardiness, blooms don't open well, although of good form. Not overly impressed with this rose.

BRIDE'S DREAM (MARCHENKONIGIN) (FAIRY TALE QUEEN), HT (Kordes '85 int '86) (Royal Highness x Seedling). LP (lp), very pale pink/light gold at base, 32 petals. Baillie (2 pls 2 yrs 5' ON): Double bloom, high centred form, good substance, likes some shade. I found this a delightful rose, some fragrance. Upright grower, good foliage, very little disease, hardy. Brown (3 pls 3 yrs 4' BC): Large perfect blooms on single stems, exhibition form, fair substance, a great rose for garden and exhibition, one everyone should grow. Very quick to repeat, production of bloom above average. Upright bushy grower, medium green foliage, no disease. Cadsby (1 pl 2 yrs 3' ON): Small but attractive bloom, pleasing decorative form, good substance - a promising garden rose. Upright grower, attractive foliage, no disease. Clausen (10 pls 2 yrs 4-5' IL): Pale pink, near white, beautiful exhibition type blooms, large with good centres, excellent substance. This variety is a dream come true, one of our favourites and popular among our visitors. Great growth habit, no disease problems,

hardiness is good. Hopkins (6 pl 5 yrs 5' ON): Colour similar to Royal Highness, high-centred exhibition form, excellent substance. My favourite rose, long stems, ideal for cutting, in bloom all season. Lovely looking dark green foliage, disease-resistant, hardy. Shewchuk (1 pl 1 yr 3' AB): 5" double bloom, high-centred exhibition form, good substance, slight fragrance, good repeat, has done very well in its first year. Upright neat vigorous growth habit, dark leathery foliage, no disease. Stedman (1 pl 1 yr 2' PE): Hortico plant had slow start, did well by late summer. Good growth but lack of August rain didn't help bloom production, no blooms worth mentioning. (Last year for reporting this rose).

BRIGADOON, HT (Warriner '91 int '92) (Seedling x Pristine). PB (pb), coral pink/rose pink & cream blend reverse, 35-40 petals, AARS '92. Arberry (2 pls 2 yrs 2.5' BC): High buds, some exhibition blooms but mostly decorative, fair substance. Very disappointed in this rose after last year, both size of bush and bloom were less than half of a year ago. Maybe our bad summer was to blame but most of my other roses were not too bad. No disease. Cadsby (1 pl 1 yr ON): High-centred exhibition form, very good substance, a real attention getter in the garden. Upright grower, large foliage, no disease. Decker (1 pl 2 yrs tall AK): Large bloom, pleasing colour of coral pink and cream, high-centred exhibition form but can have confused centres, excellent substance, some fragrance. Sparse bloomer, average repeat, will ball in rainy weather. Spreading tall grower, dark green semi-glossy foliage, some mildew. Dicky (1 pl 1 yr 2-3' ON): Medium sized double bloom, exhibition form, fair substance. My plant did not show nearly the size or vigour of those of contributors from outside Canada. Perhaps Ontario climate does not suit this rose, will continue to assess for another year. Hart (1 pl 1 yr 28" ON): Lovely colour, coral pink to lighter pink. Fairly full form, good substance, medium size blooms, quite scarce in early part of summer, started to bloom later. As it was planted late it will take another year or so to tell how it is doing. Flowers it did have were really lovely. Quite sturdy growth habit, dark green foliage, some blackspot. Heaslip (1 pl 2 yrs 4' BC): Colour is a blend of ivory, coral and salmon, large exhibition bloom, good substance, quick repeat. Bushy grower, leaves edged mahogany, no disease. Hollinger (1 pl 1 yr 3' ON): Very shapely tight bud opens into large bloom with delicate shading and peachy-cream reverse, show and decorative form, good substance, repeats well. A most pleasant surprise from bud through bloom, has enchanting appeal and fragrance. Expect next year to be even more rewarding. Dark green foliage, no disease. Raven (1 pl 2 yrs 1.5' AB): Very attractive colour combination of soft very warm coral with pink tinge and cream, colours not eye popping but very restful. Exhibition form, good substance, good number of blooms. No disease, hardiness good if mounded. Shewchuk (1 pl 2 yrs 1.5' AB): 5" urn-shaped bloom, good substance, petal tips turn red with age, spicy fragrance. Good repeat and lots of flowers, has performed

very well in the 2 years I've had it. Neat upright bush, dark semi-glossy foliage, mildew.

CANDELLA, HT (McGredy '90) (Howard Morrison x Esmeralda). RB (rb), rich medium red/creamy white reverse, 15-25 petals. Arberry (1 pl 1 yr 4' BC): Red with silver reverse, petal edges show veining of light red/pink with slightly scalloped edges, a real show stopper! Double bloom, some exhibition, excellent substance, fragrant. Have already ordered more for next year. Very compact grower, numerous basal breaks, dark green foliage, no disease. Brown (2 pls 1 yr 2-3' BC): High-centred exhibition form bloom, very good substance, slight fragrance. A nice surprise, looks good, will know better next year. Average bushy grower, dark green shiny foliage, no disease to date. Heaslip (1 pl 3 yrs 4' BC): Very unusual colour blend, glowing velvety red with an edge of dusky pink. Large bloom, 40 petals, decorative form, heavy substance, good garden rose. Slender growth habit, dark green foliage, no disease. Williams (1 pl 1 yr 3' BC): I like the colour combination, silvery reverse softens the red. Lovely exhibition form, good substance, mostly singles, not many first year. This rose looks promising but at this stage stems are thin and necks rather weak. Slow grower, clean bright foliage, some blackspot.

CARAMELLA, HT (Meilland int '86 NR). AB (ab). Hopkins (1 pl 2 yrs 2' ON): Double bloom, garden form, good substance, one outstanding feature is its colour. Short bushy plant, dark green disease-resistant foliage, hardy. (Last year for reporting this rose).

CAROLINA MOON, HT (Bridges '89) (Just Lucky x Thriller). MY (my), 28 petals. No reports.

CARY GRANT (BUSHVELD DAWN), HT (Meilland '87) [(Pharaoh x Konigin der Rosen) x {(Zambra x Suspense) x King's Ransom}]. OB (ob), vivid orange blend, yellow orange base/scarlet orange petal margin, 35-40 petals. Hopkins (2 pls 3 yrs 3.5' ON): Large size blooms, exhibition form, good substance, but only sparse bloomer. Upright grower, very thorny, dark green disease-resistant foliage, hardy.

CELEBRITY, HT (Weeks '88 int '89) [(Sunbonnet x Mister Lincoln) x Yello Yo Yo]. DY (dy), dark golden yellow, 30-35 petals. Arberry (1 pl 2 yrs 4-5' BC): Decorative form, good substance, mostly singles, some repeat. Did not perform like last year but could also be caused by the bad summer - cold and wet. Weak grower, shiny foliage, little blackspot, hardiness is good. Archibald (1 pl 3 yrs 18" SK): Medium to small double bloom, decorative form, good substance, mostly in clusters, has been reliable and produces lots of bloom. Dense bushy grower, nice textured foliage and lots of it, some blackspot, hardiness is good. Mychaluk (1 pl 1 yr 2' AB): Form and

substance OK, singles only, no repeat. Nothing exceptional, just another yellow rose. Growth habit and foliage are OK, blackspot.

CHARLOTTE RAMPLING (THOMAS BARTON), HT (Meilland int '88 NR). MR (mr), bengal pink with velvet glints, 75-85 petals, Monza GM '87. No reports.

CHRISTEL von der POST, HT (Kordes int '90 NR). DY (dy). Brown (2 pls 2 yrs 3' BC): Decorative form, fair substance, but if you want a picture you would have to stand there with your camera, it blows that quickly, you either see it in bud or fully blown, never at 1/2 to 3/4 open. Will give it one more year. Upright grower, medium green glossy foliage, disease free so far. Meagher (1 pl 1 yr 2.5' BC): 3-4" double bloom, long pointed bud opens quickly to show stamens, fair substance, in singles, repeats well. Love the colour, would be a keeper in our garden if blooms didn't come and go in the blink of an eye, definitely being shovel-pruned. Upright bushy grower, matt green foliage, good disease resistance.

CORDON BLEU, HT (Harkness '90 int '92) (Basildon Bond x Silver Jubilee). AB (ab), delicate blend of apricot with reddish shading, RNRS TGC, Courtrai GM. Brown (1 pl 1 yr 2.5' BC): HT shape, however it opens very fast, looks good open though decorative form, excellent substance. Will increase, looks very promising. supposed to be 'cast iron' as far as disease goes. Bushy grower, dark glossy foliage.

CRYSTALLINE (VALERIE SWANE), HT (Christensen-Carruth '87 int '86) [Bridal Pink x {Blue Nile x (Ivory Tower x Angel Face)}]. W (w), 30-35 petals. Brown (2 pls 1 yr 3' BC): I read where this is a great exhibition rose but I must have another as there is no way this could be exhibited. My order came from Pallek in fall '92 and they no longer list it in '94 catalogue - did they discover they had the wrong rose? Clausen (2 pls 2 yrs 5' IL): Displays good pointed centre, average substance, too many side buds, good white for exhibition if you have time to disbud. Good grower, light green foliage, prone to mildew, hardiness average. Decker (1 pl 1 yr tall AK): Large high-centred exhibition bloom, good substance, sparse amount of bloom, moderate rebloom cycle. In our cool weather my last blooms had a grey cast with lavender edging - unusual. Upright grower, distinctive medium green semi-glossy foliage, similar to 'Solitude', some disease. Stedman (1 pl 1 yr 1.5' PE): Small Hortico plant started out well. Had a few beautiful white blooms but by mid to late summer bush had slowed down, no more blooms, leaf drop, disappointing to date. (Last year for reporting this rose).

DAILY EXPRESS, HT (Fryer int '86 NR). AB (ab), soft coral salmon/touch of peach. No reports. (Last year for reporting this rose).

DELTA GOLD, HT (A. Perry '88 int '89) (Arizona x World Peace). YB (yb), red and yellow blend, 35 petals. Jacoby (1 pl 1 yr 4' BC): Striking rose, very bright yellow blend edged in red, exhibition form, good substance, stingy bloomer first year. Compact grower, dark green foliage, anxious to see how it winters.

DOCTOR DICK (DR. DICK), HT (Cocker '85 int '86) (Fragrant Cloud x Corso). OP (op), orange-coral, 40+ petals. Arberry (1 pl 2 yrs 4' BC): Spectacular large blooms, exhibition form, excellent substance, mostly singles, slow to repeat. Year #2 not as good as last year but once more could be blamed on wet cold summer. Medium growth habit, medium green foliage, no disease. Heaslip (1 pl 3 yrs 5' BC): Very large exhibition form bloom, good substance, lovely soft salmon colour but sparse bloomer. Tall slender growth habit, dark green matt foliage, no disease. Hopkins (2 pls 2 yrs 3' ON): Double bloom, exhibition form, good substance, much improved in 2nd year, sparse bloomer. Upright grower, no disease, hardy. Shewchuk (1 pl 2 yrs 1.5' AB): 5" bloom, 48 petals, high-centred exhibition form, good substance, fragrant, good repeat. A good show rose, I like this one. Upright neat grower, medium green matt foliage, new growing tips are red, no disease, hardy with adequate protection. Stedman (1 pl 1 yr 4' PE): Didn't make it through the winter which was disappointing as it had produced some excellent blooms. (Last year for reporting this rose).

DONNA DARLIN', HT (Winchel '93 int '94) (Seedling x Double Delight). (rb), yellow blending pink to bright red, 15-25 petals. Cochran (2 pls 1 yr 4.5' CA): Brilliant pink combination on red and yellow shadings, colour really is a wow! Rounded petals formed very close and short with some low centres, as bloom opens the centre comes into play. Seems to be decorative but one year is never a fair test, have hopes it will come around next year. Upright branching growth habit, dark green leathery foliage, slight mildew.

DOUBLE PERFECTION, HT (Winchel '88 int '87) [(My Dream x First Prize) x Seedling]. RB (rb), strawberry red/cream reverse, semi-double. Hopkins (1 pl 1 yr 3' ON): Exhibition form, good substance, reverse of 'Double Delight' but no fragrance, sparse bloomer. Upright growth habit, dark green foliage, no disease. Raven (1 pl 2 yrs 2' AB): Double bloom, red with cream, attractive shade, exhibition form, good substance. Flowers are nice, though I still prefer 'Double Delight', only drawback is it's a shy bloomer. Upright grower, good basal breaks, disease free foliage, hardiness good if mounded.

DUFTRAUSCH (SENTEUR ROYALE) (OLDE FRAGRANCE), HT (Tantau '85 int '86). MP (mp), 40+ petals. No reports. (Last year for reporting this rose).

DYNASTY, HT (Warriner '89 int '91) (Seedling x Seedling). OB (ob), bright orange/yellow blending at petal base, 30 petals, ROTY '91. Decker (1 pl 3 yrs tall AK): Medium sized cupped bloom, garden form, confused centres, no fragrance. Balls in wet weather, blooms often too heavy for stems. Spreading growth habit, medium green semi-glossy foliage, some mildew.

EDITOR TOMMY CAIRNS, HT (Winchel '91 int '92) (Seedling x Seedling). PB (pb), bright pink/light pink reverse, 26-40 petals. No reports.

ELIZABETH TAYLOR, HT (Weddle '85) (First Prize x Swarthmore). DP (dp), 35 petals. Hopkins (2 pl 6 yrs 3.5' ON): Double bloom, high-centred exhibition form, excellent substance, some outstanding blooms but sparse. Upright grower, dark green foliage, disease-resistant, hardy. Raven (1 pl 1 yr 3' AB): Dark rose pink, good scent, exhibition form, excellent substance. A nice all-round rose, much better than its parent 'Swarthmore' which balled all the time. Very upright grower, touch of powdery mildew, hardiness OK if mounded. Stedman (1 pl 3 yrs 3' PE): Came through winter well, blooms of good quality but small for HT. Doesn't seem to like wet weather. (Last year for reporting this rose).

EMPRESS MICHIKO, HT (Dickson int '92 NR). LP (lp), blush pink. Brown (1 pl 1 yr 2' BC): HT shape bloom on short stems so far, fair substance, a nice bloom if growth improves. May or may not be one for the exhibitor, time will tell. Light green glossy foliage, no disease. Meagher (1 pl 1 yr 2' BC): Round buds open to 'fat' high-centred 3-4" blooms, fair substance. In clusters and singles, good repeat. Stems are disappointingly short but this is its first year so we're reserving judgement. Bushy rounded growth habit, mid to light green foliage, good disease resistance.

ENDLESS DREAM, HT (Twomey '89 int '90) (Emily Post x Seedling). MP (mp), soft pure pink, 32 petals. No reports.

ESTHER GELDENHUYS, HT (Kordes '87 int '88) (Seedling x Seedling). OP (op), light coral pink, 32 petals. Magee (1 pl 2 yrs 48" ON): Beautiful coral pink medium sized blooms on long stalks, exhibition form, good substance, lots of them. Hard to beat this for beauty, also a fine grower. Upright growth habit, nice glossy foliage, no disease, seems hardy.

FRAGRANT DREAM, HT (Dickson '88 int '89) [(Eurorose x Typhoon) x Bonfire]. AB (ab), apricot/blended orange, 20 petals, Belfast FA '91. Brown (1 pl 1 yr 2.5' BC): Double bloom of HT form, decorative but possible exhibition, good substance, good fragrance and a great colour. My plant is slow to grow so far but will no doubt improve. Bushy grower, mid green glossy foliage, no disease.

GOLDEN BERYL (Miniature)
(George Mander, 1995, reg. pending)

Parentage: 'June Laver' x 'Rubies 'n' Pearls'

This is an exciting, deep yellow miniature. The inner side of the petals appear to be brushed with orange. it will be available in 1995 from both Select Roses and Mori Miniatures.

FULTON MACKAY (MARIBEL) (Reg by IRAR as COCdana), HT (Cocker '88 int '89) (Silver Jubilee x Jana). YB (yb), rich apricot/tints of yellow, 20 petals. No reports.

GLORY DAYS, HT (Warriner '91) (Seedling x Showstopper). MP (mp), coral pink, 26-40 petals. Decker (1 pl 1 yr tall AK): High-centred exhibition form, no side buds, opens quickly, good substance, average number of blooms and repeat bloom, moderate fragrance. Stems too thin for blooms, may be better in second year. Spreading grower, medium green semi-glossy foliage, some mildew.

GOLDEN MOMENTS HT (Fryer int. '91 NR). DY (dy). golden amber, Bronze Medal in Rome '92. Brown (2 pls 2 yrs 4' BC): HT shape, exhibition form with pinpoint centres, good substance, one per stem. Very similar to 'Delicia' ('Elegant Beauty') but without quite as much mildew. Upright grower, medium green matt foliage, slight mildew. Meagher (1 pl 2 yrs 3-4' BC): Pointed bud opens to high-centred 3-4" double bloom, poor substance, light lemony scent. Beautiful blooms, last well as cut flower if cut early, unfortunately wet weather turns buds to a slimy mess. Bushy vigorous grower, dark green matt foliage, good disease resistance.

GOLDIE (Reg by IRAR as MACarom), HT (McGredy '88) (Seedling x Golden Gate). LY (ly), creamy yellow, 26-40 petals. No reports.

GRACELAND, HT (Warriner '88 int '89) (New Day x Seedling). MY (my), yellow with pink touches, 30-35 petals, J&P ROTY '89, The Hague GM '88. Shewchuk (1 pl 2 yrs 2.5' AB): 4.4" bloom, cupped form, bloom opens wide, good substance. Very attractive medium yellow colour, does not fade easily, no fragrance. Neat upright grower, medium green matt foliage, no disease. Barely survives my method of protection, suspect that the rootstock is not hardy for our area.

GREAT SCOTT, HT (Ballin '91) (Sport of CLEO). MP (mp), rich satin pink, 40+ petals. No reports.

HEIDI JAYNE, HT (Esser '86 int '87) [(Piccadilly x Queen Elizabeth) x (Fragrant Cloud and Seedling)]. DP (dp), bright deep pink, 32 petals. Heaslip (1 pl 3 yrs 6' BC): Large mauve-pink bloom, exhibition form, fair substance, very fragrant, good repeat. Tall slender grower, medium green foliage, no disease. Jacoby (2 pls 3 yrs 4' BC): Big double blooms, exhibition form, very good substance, fragrant, one to a stem. Excellent variety, always in bloom. Nicely shaped bush, healthy. Yeomans (2 pls 6 & 2 yrs 4.5' BC): A dull pink but very floriferous, can be exhibition. Plant is vigorous and seems to be healthy.

HIGH SHERIFF, HT (Harkness '92) (Seedling x Silver Jubilee). OR (or), rich peachy-orange/deeper reddish shading on outside of petals, 15-25 petals, Dublin International Rose Trials GM. Brown (1 pl 1 yr 3' BC): HT shape bloom that opens rather quickly, very pleasing shape and colour, may be exhibition. Will acquire 2 or 3 more, looks to be an excellent rose. Wood (3 pls 1 yr 3' BC): Lovely colour, medium size bloom, double petalled, high pointed exhibition form, good substance, good repeat. Good growth lst year, could be 4-4.5' - I really like it. Upright grower, glossy wine-coloured foliage, disease- free so far.

HOAGY CARMICHAEL, HT (McGredy '90) [(Sir Harry Pilkington x Elegy) x Pounder Star]. MR (mr), velvety red, 26-40 petals. Clausen (2 pls 3 yrs 3-4' IL): Good centres, reflexed petals, good form, great substance. My bushes are smaller than I like but the nice blooms made up for it. I have won a couple of blue ribbons with this variety. Average grower, dark green foliage, good disease resistance, hardiness OK. Decker (1 pl 1 yr med AK): Large bloom, high-centred exhibition form, good substance, fragrant. Stingy bloomer and slow to repeat. Will watch for next year, probably will ball in rain. Bushy grower, dark matt foliage, some mildew. Heaslip (2 pls 3 yrs 3' BC): Large many petalled bloom, exhibition form, good substance, medium red colour fades to a dusky red. Short bushy grower, dark green matt foliage, no disease.

HOLSTEINPERLE (HEIDI KABEL) (TESTA ROSA), HT (Kordes '87) (Seedling x Flamingo). OP (op), dark orange/pink reverse, 40+ petals. Shewchuk (2 pls 2 & 1 yr AB): 5" double bloom, high-centred well shaped exhibition form, very good substance, very fragrant, good repeat, a very good rose in my garden. Neat upright bush, large medium green semi-glossy foliage, no disease, has wintered well with proper protection.

IMAGINATION, HT (Winchel '92 int '93) (Marmalade x Seedling). AB (ab), apricot orange/yellow reverse, 26-40 petals. Arberry (2 pls 1 yr 2-3' BC): Double bloom, decorative form, some confused centres, good substance, in singles, very slow repeat. Am not crazy about this rose, another year and if no improvement - out! Vigorous grower with strong stems, dark green matt foliage, no disease. Decker (1 pl 1 yr med AK): Large bloom, high-centred, probably exhibition form but confused centres, good substance, balls in rain. Bushy grower, mid green semi-glossy foliage, mildews. Raven (1 pl 1 yr 2.5' AB): Flesh colour with yellow flush at base, 3.5" double bloom, exhibition form, good substance. Flowers look as good as the cover on the November 1992 American Rose Magazine, very nice, good load of bloom. Upright grower, nice mid green foliage, no disease, hardiness OK if mounded.

INDIAN SUMMER (SWEET PERFUME), HT (Pearle int '91 NR). OB (ob). Brown (1 pl 1 yr 2.5' BC): Light to dark orange, HT shape large bloom, may be exhibition, fair substance, good perfume. A short bushy plant so far but many roses from U.K. start out like this and you must give them 3 years. Mid green glossy foliage, no disease. Meagher (1 pl 1 yr 2' BC): 3" double bloom, exhibition shape, good substance, very fragrant. In clusters and singles, nearly continuous bloom. Bush is smaller than expected but we have grown it only one season, have to disbud heavily to get a fair sized stem. Upright grower, dark green foliage, good disease resistance.

JARDINS DE BAGATELLE (SARAH), HT (Meilland '86 int '87) [Queen Elizabeth x Elegy) x Meidragelac]. W (w), very pale pink, 40+ petals, Genoa GM '87, Madrid FA '86. Cadsby (1 pl 3 yrs 3' ON): Similar in colour to 'Bride's Dream', not white as indicated in Clearing House (Ed: classed as white by CRS and ARS). Decorative form, good substance. I enjoy it but feel it lacks distinctiveness, not worth importing. Upright grower, dark green foliage, no disease, winter protection recommended.

LADY DIANA, HT (Hoy '86) (Sonia x Caress). LP (lp), 37 petals. Cadsby (1 pl 5 yrs 3' ON): Attractive bloom, exhibition type, good substance, but no reason to recommend this rose. Upright grower, glossy foliage, no disease, hardiness is good. Shewchuk (2 pls 5 & 4 yrs 2.5' AB): 4.5" bloom, attractive soft pink, high-centred exhibition form, medium substance. Stands rain well, good repeat. Upright neat grower, medium green semi-glossy foliage, subject to mildew, hardy with proper protection. (Last year for reporting this rose).

LADY LIKE, HT (Tantau int '89 NR). PB (pb). No reports.

LADY MITCHELL, HT (Harkness '90 int '91) (Dr. Darley x Silver Jubilee. MR (mr), 50 petals. Brown (3 pls 3 yrs 2.5' BC): Rose-pink (Ed: classed 'mr' by ARS, Harkness says 'rich rose pink' - you win!) Classic HT shape, exhibition form, good substance, one per stem. Fantastic blooms if only the plants would grow, so far short canes on short plants. Dark green glossy foliage, no disease. Meagher (1 pl 2 yrs 2' BC): 3-4" double bloom, exhibition quality form, good substance, blooms in singles, repeats well. We didn't know what all the shouting was about because the first blooms suffered thrip damage but wow! this is a long lasting cut flower as well as on bush. I think it is here to stay for a while. Upright and bushy grower with strong stems, dark green glossy foliage, exceedingly disease resistant.

LANVIN, HT (Christensen '86) (Seedling x Katherine Loker). LY (ly), bright yellow, 30 petals. No reports. (Last year for reporting this rose).

LEGEND, HT (Warriner '92) (Grand Masterpiece x Seedling). MR (mr), 41+ petals. Decker (1 pl 1 yr tall AK): Large bloom, high-centred exhibition form, good substance, some fragrance, slow to bloom. Longest stems of any HT I've grown. Had some kind of bug that liked this rose (the only one in my garden), just the flower! Will wait till next year to really rate. Upright grower, dark semi-glossy foliage, some mildew.

LIEBESZAUBER, HT (Kordes int '90 NR) (Seedling x Pink Panther). MR (mr). Baillie (1 pl 1 yr 3' ON): A wonderful velvety red and holds colour well. As reds are really my favourite I think this may be high on my list. Exhibition form, excellent substance, fragrant, long lasting, holds up well in wet weather. Spreading growth habit, good foliage. Brown (4 pls 2 yrs 4.5' BC): Dark red, slightly lighter reverse, exhibition form, very good substance, single blooms on tall strong canes, every one a perfect centre. A winner, have ordered more. It will give 'Loving Memory' a run, does not have as many petals but holds forever when cut, also does not bullnose like 'Loving Memory" does at times. Upright grower, large dark green matt foliage, no disease. Clausen (2 pls 2 yrs 6-7' IL): Large bloom, the largest variety in our garden. Nothing to write home about, seems to improve with age, average substance. Tall grower, good disease resistance, hardiness is good. Hopkins (1 pl 1 yr 3' ON): Double bloom, exhibition form, good substance, excellent first year plant. Looking forward to next season. Upright grower, no disease. Meagher (2 pls 2 yrs 4-5' BC): Rich deep red, pointed bud, exhibition type 3-4" double bloom, very good substance, in singles, not much disbudding required, fragrant. Best Red we've seen since 'Royal William' and more fragrant to boot. Great as a cut flower, keeps its colour. Upright bushy grower, very disease resistant. Stedman (1 pl 2 yrs 3' PE): Lovely colour, large blooms, loose form, very good substance. Mine barely made it through hard winter, hasn't grown well enough for proper evaluation. Thompson (1 pl 1 yr 5' BC): Perfect bloom, perfect form, excellent substance, anxious growth habit, excellent foliage, no disease. Nothing negative here!!

LINCOLN CATHEDRAL (SARONG), HT (G.W.T. Langdale '85 int '86) (Silver Jubilee x Royal Dane). OB (ob), outer petals pink/inner orange/yellow reverse, 28 petals, RNRS GM '85. No reports. (Last year for reporting this rose).

LIVERPOOL REMEMBERS (BEAUTY STAR), HT (Fryer '92 int '90) (Corso x Seedling). OR (or), glowing vermilion, 26-40 petals. Yeomans (2 pls 3 & 2 yrs 3.5' BC): I have two plants which are quite different, both came from Fryers. The flowers of the older are a better shape this year, the younger one had well-shaped flowers and a better bush from year one.

LOBO, HT (Perry '87 int '89) (Kordes Perfects x Gavotte). (rb), red-purple/reverse white, 26-40 petals. Hopkins (1 pl 4 yrs 3' ON): Double bloom, exhibition form, excellent substance, but sparse bloomer, not worth the effort to grow. Upright grower, dark green foliage, disease-resistant, hardy.

LOUIS DE FUNES (CHARLESTON '88), HT (Meilland '87) [(Ambassador x Whisky Mac) x (Arthur Bell x Kabuki)]. OB (ob), orange-capucine/reverse cadmium yellow, 15-25 petals. Cadsby (2 pls 3 yrs ON): Attractive colouring, HT type, mostly garden form, good substance. I really like this rose, if you can get it you will love it. Upright grower, no disease, hardiness is fair.

LOUISIANA, HT (Kordes int '92 NR). MP (mp). Baillie (1 pl 1 yr 3' ON): Lovely exhibition form bloom, good substance, looks like a great rose. Upright grower, good foliage, some blackspot.

LOVELY LADY (DICKSON'S JUBILEE), HT (Dickson '86) [Silver Jubilee x (Eurorose x Anabell)]. MP (mp), rosy pink, 35 petals, Belfast GM '84. Smallenberg (2 pls 4 yrs 2' BC): Rich pink/salmon, 5" bloom, decorative cupped form, excellent substance. All singles, good repeat, short stems. Slow to get established, pretty garden variety, good fall bloom, long lasting on bush, rain tolerant. Definitely one to keep. Neat upright grower, dark green semi-glossy foliage, no disease. (Last year for reporting this rose).

LUCILLE BALL, HT (Christensen '91 int '93) (Hello Dolly x Seedling). AB (ab), apricot-amber blend, 26-40 petals. Decker (1 pl 1 yr med AK): Apricot blend similar to 'Brandy'. Garden form, confused centres, some fragrance, tends to cluster, slow to rebloom, not a rose for our climate. Bushy grower, medium green glossy foliage, bad mildew.

LYSA, HT (Rijksstation voor Sierplantenteelt int '89 NR). W (w), light pink. Hopkins (1 pl 2 yrs 3' ON): Double bloom, garden form, good substance. Plant purchased from Hortico last year, not in this year's catalogue, I can see why. Nothing much except curiosity keeps it in my garden. Upright growth habit, dark green disease-resistant foliage, hardy.

MALCOLM SARGENT (NATASCHA), HT (Harkness '87 int '88) (Herbstfeuer x Trumpeter). MR (mr), shining bright crimson, 25 petals, Belfast GM '90. Arberry (1 pl 2 yrs 5' BC): Blooms mostly decorative, numerous flat blooms but some exhibition, excellent substance. Almost discarded this spring but my wife said "Give it a couple more weeks". It must have heard her because it took off like no other rose I have. At present it's 5' tall and 4' wide, numerous basal breaks and blooms galore. Into its 3rd flush now and must have produced well over 100 blooms to date

with most 4-5" across. No other rose in my garden (except Sexy Rexy) has produced this well. Hope to obtain another, wish it had a little more fragrance. Medium shiny green foliage, slight mildew.

MARIANNE TUDOR (NUIT d'ETE), HT (Fryer int '89 NR). MR (mr), bright red, Geneva GM '89. Yeomans (1 pl 3 yrs 6' BC): Vivid red flower, not many of them so far. Won Gold Medal in Geneva. Bush more bushy this year.

MARMALADE MIST, HT (Lammerts '90 int '91). OP (op), medium salmon-pink/lighter reverse, 25 petals. No reports.

MARY JEAN, HT (Harkness '90 int '91) (Dr. Darley x Amber Queen). AB (ab), 37 petals. Brown (1 pl 1 yr 2' BC): Orange/apricot, large bloom, about 40 petals, HT shape, possibly exhibition form, fair substance. Will have to relocate to better site to give it a better chance. Short growth habit so far, medium green foliage, no disease. Meagher (1 pl 2 yrs 2' BC): Pointed bud, 3" double bloom, exhibition form, fair substance, in singles, sparse bloomer. Lovely blooms, very fragrant but ball in wet weather. Bushy but slow grower, may be due to location, giving it one more season. Medium green foliage, mildew late in season.

MEMOIRE, HT (Kordes int '92 NR). (w), 30 petals. Brown (1 pl 1 yr 2.5' BC): Large pure white bloom, about 30 petals, exhibition form, very good substance. Will increase, has potential from what I see so far. Bushy grower, medium green matt foliage, no disease.

MICHEL LIS (MICHEL LIS LE JARDINIER) (SANDRO PERTINI in Italy), HT (Meilland int '87 NR) [(Queen Elizabeth x Karl Herbst) x (Papa Meilland x President Leopold Senghor)]. MR (mr), 45-50 petals. Cadsby (2 pls 3 yrs 4' ON): I like it, but it's not cherry pink it's red! Upright grower, large medium green foliage, no disease, hardiness is good.

MIDAS TOUCH, HT (Christensen '92 int '94) (Brandy x Friesensohne). MY (my), deep yellow, 15-25 petals, AARS '94. Cochran (2 pl 2 yrs 5' CA): Decorative bloom with many large petals, rather loose form, very floriferous, excellent garden variety. Bright rich golden yellow colour will be enjoyed and in demand by many home owners. Good substance and very floriferous, soft musk fragrance. Upright growth habit, dark green semi-glossy foliage, no disease problems so far.

MIKADO (KOII-SAI), HT (Seizo Suzuki '87) (Fragrant Cloud x Kagayaki). RB (rb), luminous light scarlet/suffused yellow at base, 25 petals, AARS '88. Cadsby (1 pl 2 yrs 2' ON): Lots of bloom but decorative form with confused centres, I'll pass on this one. No disease. Decker (1 pl 4 yrs med AK):

Bright red with yellow, high-centred medium size bloom but garden type, often confused centres, average floriferousness and bloom cycle, little fragrance. Spreading growth habit, medium glossy foliage, no disease. Mychaluk (1 pl 1 yr 3' AB): Gorgeous exhibition bloom, colour combination is lovely, excellent substance, always in bloom. Was runner-up to Queen at '93 Calgary Rose Show (I thought it should have been Queen!). Strong upright grower, excellent foliage, mildew. Raven (1 pl 4 yrs 30" AB): Double bloom, red/pink with yellow flush at base, could be exhibition, good substance, sometimes the heads will hang. A nice solid bush, not really outstanding but not at the bottom of the pack either. Shiny green foliage, no disease, hardiness OK if mounded. Shewchuk (1 pl 3 yrs 3' AB): Brilliant light scarlet with yellow at base and reverse, 5" bloom, 40 petals, high centred exhibition form, good substance, slightly fragrant, medium repeat. Neat upright bush, medium green glossy foliage, had mildew this year, hardy with proper protection.

MONIKA (MONICA), HT (Tantau '85 int '86). PB (pb), 35 petals. Arberry (1 pl 2 yrs 4-5' BC): Large double blooms, mostly exhibition, excellent substance. This year's weather seemed to affect this rose, not as floriferous as last year, slower to repeat. Vigorous bushy growth habit, abundant foliage, no disease, hardiness is good. (Last year for reporting this rose).

NATIONAL VELVET, HT (L. Burks '88 int '90) (Poinsettia x National Beauty). DR (dr), deep velvet red/black velvet cast, 35 petals. Thompson (4 pls 2 yrs 5' BC): From crinkly black buds to lovely award-winning blackish red blooms, very good substance, very fragrant. Tall grower, mahogany foliage, somewhat susceptible to disease.

PAINTED MOON, HT (Dickson '89) (Bonfire x Silver Jubilee). RB (rb), 40 petals. Raven (1 pl 1 yr 2' AB): Love the bloom, decorative form with wavy round look to it, looks absolutely lush. Love the stunning colour, starts apricot and turns a beautiful marbled watermelon red, apricot, cream and hot pink - a joy to behold. Upright grower, shiny light green foliage, no disease, hardiness OK if mounded.

PENTHOUSE (PINK CHARM) (Reg by IRAR as MACsatur), HT (McGredy '88) (Seedling x Ferry Porsche). MP (mp), 15-25 petals. Yeomans (1 pl 4 yrs 5' BC): Vigorous, healthy, beautiful foliage. Flower opens fast, flower is obviously a secondary consideration with Sam McGredy.

PERFECT MOMENT (JACK DAYSON), HT (Kordes '89 int '91) (New Day x Seedling). RB (rb), dark chrome yellow/brushed fire red/ reverse yellow/blushed red, 30-35 petals, AARS '91. Arberry (2 pls 1 yr 3.5-4' BC):

Lots of exhibition form buds and blooms, excellent substance, mostly singles but some clusters. This rose will be around for a long time, continually blooming, have already ordered more for next year. Vigorous grower, thick dark green foliage, no disease. Boyd-Galick (1 pl 2 yrs 3.5' BC): Ours got a bumpy start in life, planted it in spring and instructed neighbour to water it well while we vacationed. It nearly died but did much better this year in spite of cold wet spring. Its charm is in its long lasting blooms that seem to glow from within. Upright grower, dark green shiny foliage, some mildew. Raven (1 pl 2 yrs 3' AB): Colour of this is nice, red with yellow to white base, not overly large blooms, sometimes confused centres, could have a few more flowers. Upright grower, nice rich green foliage, no disease, hardiness is good if mounded. Shewchuk (1 pl 3 yrs 3' AB): Red tipped and yellow based, 4.5-5" bloom, cupped exhibition form, high-centred, long stems, slight fragrance, good repeat. Destined to become a popular rose. Upright neat bush, large medium green semi-glossy foliage, no disease, wintered well with proper protection. Stedman (1 pl 3 yrs 1.5' PE): 3rd year plant, hasn't grown. Much blackspot.

PORTLAND ROSE FESTIVAL (JULIEN RENOARD), HT (Dorieux '92 int '87) (Osiria x Pharaon). RB (rb), strawberry red/white reverse, 26-40 petals. Decker (1 pl 1 yr tall AK): Strawberry red/white blend but our cool weather gave this rose a greyish tint, not a pleasing effect. Very large bloom, exhibition form, good substance, little fragrance. Stingy blooms this first year, only had 2 blooms, and long time between cycles, maybe next year. Upright grower, dark green glossy foliage, little mildew.

POTTON HERITAGE, HT (Harkness '86 int '87) (Precious Platinum x Dr. A.J. Verhage). RB (rb), plum red/reverse straw yellow, 32 petals. Hollinger (1 pl 1 yr 3.5' ON): Cherry/creamy pink reverse, decorative form, good substance, very floriferous especially for first year, repeats well, thick and full. Not as spectacular as I expected but shall reserve judgement 'til next year as I find Harkness roses improve dramatically in second year. Vigorous growth habit, healthy foliage. Hopkins (1 pl 1 yr 3.5' ON): Outstanding colour, two-tone red and ivory, double bloom, high-centred exhibition form, good substance, long single stems, only slight fragrance. Interesting and maybe a winner next year. Upright growth habit, dark green foliage, disease resistant. Shewchuk (1 pl 1 yr 4' AB): Plum red with ivory reverse, 5" bloom, high-centred exhibition form, good substance, fragrant, good repeat, I like this one! Vigorous growth habit, large dark glossy foliage, no disease.

QUEEN CHARLOTTE, HT (Harkness '88 int '89) (Basildon Bond x Silver Jubilee). OP (op), rich salmon pink/underlying tones of mandarin-red, 23 broad petals, RNRS TG Cert '88. Jalbert (1 pl 2 yrs 4' BC): Delicious blend of orange, pink and apricot, shimmering colour draws you from across

the garden. Exhibition type, can be for Show, borne one to a stem, good substance, a little slow to repeat. A very good new garden rose, beautiful at all stages. Upright grower, glossy reddish foliage, slight mildew.

REBECCA CLAIRE, HT (Michael John Law '81, int '86) (Blessings x Redgold). OP (op), coppery orange/edged light coral, 28 petals, Edland FA '80, RNRS PIT '80. Yeomans (2 pls 7 & 2 yrs 4' BC): Salmon with reddish veins in young flowers. One of my favourites, won RNRS President's International Trophy. Good garden rose, don't think it has enough petals for exhibition. (Last year for reporting this rose).

REBEKAH (Reg by IRAR as MACponui), HT (McGredy '88) (Freude x Typhoo Tea). PB (pb), dark salmon-pink blend, 26-40 petals. Graber (1 pl 2 yrs 4' ON): Interesting two-tone pink/salmon, great big double blooms hold well in heat, exhibition form, very good substance. Upright growth habit, glossy foliage, very little disease, hardiness is good. Raven (1 pl 5 yrs 3' AB): Decorative form bloom, very full like an old fashioned rose, good substance. Colour holds well but petals drop rather quickly, nice in bud and young flower but drops before it ages. Upright grower, shiny dark green foliage, no disease.

RENDEZ-VOUS (CHATELAINE DE LULLIER), HT (Meilland int '87 NR) [{(Royal Velvet x Chrysler Imperial) x (Rouge Meilland x Independence)} x Sonia Meilland]. DP (dp), deep rose pink, 35 petals. No reports.

RIO SAMBA, HT (Warriner '91 int '93) (Seedling x Sunbright). YB (yb), medium yellow fading to peach-pink, 15-25 petals, AARS '93. Arberry (2 pls 1 yr 3-4' BC): Double bloom, sometimes exhibition, fair substance, beautiful yellow with red flush, a beautiful rose when it first opens, however when fully open it fades rapidly and turns a very light colour. Fairly vigorous grower, dark green foliage, no disease. Archibald (1 pl 1 yr 22" SK): Large double bloom, decorative form, good substance. The first year for this one, quite pleased with showing so far, frequent bloomer but not many of them. Medium to tall growth habit, new foliage reddish, quite resistant to blackspot. Decker (1 pl 1 yr med AK): Nice bright colour, medium yellow fading peach pink, exhibition type but some confused centres, good substance, rainspots, little fragrance, medium bloom cycle. Upright bushy grower, dark green matt foliage, new foliage is reddish, mildews. Raven (2 pl 1 yr 2' AB): Rich orange yellow fading well to pink, decorative form, could be exhibition, good substance. Good amount of bloom, good repeat, lots of comments, I think AARS have a winner here. Shewchuk (2 pls 1 yr 3-3.5' AB): An attractive yellow, fades slowly to pink, 4.5" bloom, exhibition form, good substance, light fragrance, good repeat. Neat upright bush, large medium dark matt foliage, no disease.

ROYAL VOLUNTEER, HT (Cocker '88 int '89) (Yellow Pages x Alexander). OB (ob), orange-red and yellow blended, 26-40 petals. No reports.

SAVOY HOTEL (INTEGRITY), HT (Harkness '87 int '89) (Silver Jubilee x Amber Queen). LP (lp), light phlox pink/deeper reverse, 40 petals, Dublin GM '88. Clausen (10 pls 2 yrs 4-5' IL): Double bloom, good form and substance, have had a few exhibition blooms, always in bloom, a great garden rose. I like it so well I have budded 10 more for 1994. Great growth habit, excellent dark green foliage, very good disease resistance, hardiness is good. Hopkins (2 pls 2 yrs 4' ON): Striking blooms, exhibition form, excellent substance, very high hopes for next year as it is a winner. Upright grower, dark green disease-resistant foliage, hardy. Smallenberg (4 pls 4 yrs 3.5' BC): 5.5" bloom, exhibition form, excellent substance, opens slowly, in singles continuously rather than flushes. Definitely a favourite, very long lasting blooms, all perfect form, rain tolerant, starts blooming early, continues late in fall, excellent variety. Branching growth habit, neat medium green foliage, no disease. Stedman (1 pl 1 yr 2' PE): New bush produced several excellent blooms, mostly all of exhibition form, excellent substance. Like it very much, expect good things next year if hardy. Yeomans (2 pls 3 & 1 yr 4' BC): Rose midge and thrips love it. Because of this, have not had a decent bloom this year.

SCHWARZE MADONNA, HT (Kordes int '92 NR). DR (dr), velvety dark red. Brown (1 pl 1 yr 3' BC:) Small bloom so far for a HT but will no doubt grow as plant matures, exhibition form, good substance. Has potential, a good entry into this colour category, will increase. Upright grower, dark green glossy foliage, no disease so far.

SECRET, HT (D. Tracy '92 int '94) (Pristine x Friendship). PB (pb), light pink edged deep pink, 26-40 petals, AARS '94. Cochran (2 pls 2 yrs 4-5.5' CA): Light creamy-pink suffused with dark pink margins as bloom opens, exhibition form, excellent substance, rich spicy fragrance is heavenly, makes this beauty a winner. Will buy more. Upright bushy branching growth habit, strong stems to support beautiful blooms borne mostly one per stem, medium green semi-glossy foliage, free of disease so far.

SENATOR BURDA (VICTOR HUGO) (DREAMS COME TRUE), HT (Meilland '88) [{Karl Herbst x (Royal Velvet x Suspense)} x Erotika]. DR (dr), brilliant currant red, 26-40 petals. Biddulph (1 pl 1 yr 5' MB): Dark red colour doesn't blacken as most DRs do, gorgeous fragrant velvety bloom, 6" across, slightly frilled, opens like a semi-double but holds for days, good substance, no balling despite wet cool season. This fantastic bush produced blooms early, about 1 ft. from ground, then a very strong cane as thick as my finger shot up 5' high and produced a bloom in centre

surrounded by 4 branches with blooms, like a standard rose. Planted it near my back gate and all the "doggie walkers" stop to admire. Next year - who knows what it will do! I like all Meilland roses. Vigorous bush, needs room, dark green foliage, a bit glossy, no disease. Cadsby (2 pls 3 yrs 4' ON): Large exhibition type bloom, excellent substance, the best of the varieties sent to me by Nadine Meilland. Get it if you can, satisfaction guaranteed. Upright grower, no disease, hardiness is good. Hopkins (1 pl 4 yrs 4.5' ON): Very large double bloom, exhibition form but not enough high centres and too many loose, excellent substance. Handle with care as it has thorns galore. Upright grower, some blackspot, hardy.

SHEER BLISS, HT (Warriner '85 int '87) (White Masterpiece x Grand Masterpiece). W (w), white with pink centre, 35 petals, Japan GM '84, AARS '87. Baillie (1 pl 2 yrs 2' ON): Nice exhibition form blooms in the spring, but burned out and dull afterwards. Upright grower, good foliage, disease free, hardy. Boyd-Galick (1 pl 3 yrs 1.3m ON): Gorgeous big blooms, white with a whisper of pink, lovely fragrance. I love this one, reminds me of 'Pristine'. Very vigorous grower, medium green foliage, got bad winterkill last winter but recovered well. Cadsby (1 pl 4 yrs 5' ON): Seems more pink than white, very beautiful, HT exhibition form, good substance. A lovely rose to be cut and enjoyed. Tall grower, no disease, hardiness is fair. Mychaluk (1 pl 5 yrs 3.5' AB): Huge double blooms, very long exhibition form, excellent substance, singles only on yard-long canes. Although I wish it bloomed more it has good repeat and fragrance is wonderful. One of my favourites. Strong grower even in Calgary's climate, give it room! Foliage a little thin up to bloom, no disease noted, hardiness is good. Raven (1 pl 5 yrs 2.5' AB): White with a soft pink edge, exhibition form, good substance. When flowers come out in good weather it's a stunner but a lot of the time it balls up. Not a heavy bloomer, usually only one per stem. Upright grower, no disease, hardiness OK if mounded. Shewchuk (1 pl 7 yrs 3.5' AB): 5" bloom, high-centred exhibition form, very good substance, fragrant. Don't like its lanky growth, otherwise good. Medium green semi-glossy foliage, subject to mildew, winters well with proper protection. Stanton (1 pl 5 yrs 4' ON): Lovely big bloom, pretty colour, exhibition form, excellent substance. This rose takes time to establish itself but once it does it's vigorous and floriferous, quite satisfying. Upright grower, large foliage, relatively disease resistant, hardiness is good, wow!

SHEER ELEGANCE, HT (Twomey '89) (Pristine x Fortuna). OP (op), soft pink/salmon edges, 32 petals, AARS '91. Arberry (2 pls 1 yr 2-3' BC): Large full bloom, mostly doubles, numerous blooms of exhibition form, good substance. Due to wet summer, unable to keep spray program like other years which may account for slight blackspot, hope for better next year. Average growth habit, dark green foliage. Beattie (3 pls 3 yrs 3.5' MB):

Orange pink blend, pink predominates, well shaped pointed buds, exhibition form blooms, excellent substance, floriferous, good repeater. Well named, it is an "elegant" rose and appears to be hardy. Vigorous well-shaped bush, glossy foliage, some blackspot, hardiness good with protection. Biddulph (1 pl 2 yrs 2' MB): Delicate pink, very little fading this year (no sun), exhibition form, very good substance, holds well, good producer. I love it, true to its name. Upright grower, strong canes, glossy foliage, some blackspot in September, hardiness good with "Manitoba" protection - 8-10" mounding and waterproof cover (top only) to shed Feb./March thaws and rains. Decker (2 pls 3 yrs med AK): Soft pink, deeper edges, medium to large blooms, high-centred exhibition form, excellent substance, blooms singly, average floriferousness and long to rebloom, some fragrance. A nice rose when in bloom and not rainy. Dark glossy foliage, some mildew. Fosh (1 pl 2 yrs 43" MB): Delicate pink, deeper pink edges, exhibition type, good substance, blooms singly, did not have too many blooms. This summer we had twice our normal rainfall and very little sun, bushes grew well but blooms were slow as weather was also very cool. Vigorous grower, some blackspot by mid-September, hardiness is good. Friesen (1 pl 2 yrs 4' MB): 3-4" flowers with 35-40 petals, exhibition form, excellent substance. Bushy grower, dark green disease-resistant foliage, hardy. Grindle (2 pls 2 yrs 3' MB): Soft pink, salmon edged, double bloom, excellent form, very good substance, long lasting, repeats well. I like this rose, could be one for the future, will purchase more. Healthy foliage, very hardy. Heaslip (2 pls 3 yrs 4' BC): Creamy-pink with deeper pink edge, large bloom, 43 petals, perfect exhibition form, good substance. Large dark green foliage, no disease. Hopkins (2 pls 3 yrs 2.5' ON): Double bloom, exhibition form, excellent substance. Some very nice blooms, needs lots of TLC, needs disbudding, stems not very long. Compact grower, some blackspot, hardy. Mathis (2 pls 3 yrs 5' MB): Coral, double bloom, good form, many blooms. Strong healthy growth habit, very interesting dark red foliage, no disease, has been hardy for 3 years. Raven (1 pl 2 yrs 2' AB): Very attractive colour, almost a white then soft pink with somewhat darker edges, high-centred exhibition form, good substance, nice load of bloom. Upright grower, no disease, hardiness OK if mounded. Shewchuk (2 pls 3 yrs 2.5' AB): Non- fading soft pink with salmon edges, 4.5-5" bloom, cupped exhibition form, good substance, long strong stems, prolific bloom, good repeat, musky fragrance, a rose everyone should grow. Dark glossy leathery foliage, no disease, winters well with proper protection. Stedman (1 pl 2 yrs 2.5' PE): I didn't think this second year plant made it through the winter, produced one large basal with a few good flowers. No disease, tender. Yeomans (2 pls 3 yrs 3' BC): Beautiful flowers, on the small side, plants are no great shakes so far.

SHIRE COUNTY, HT (Harkness '89 int '90) (Amy Brown x Bonfire Night). OP (op), amber with a touch of pink, 33 petals. No reports.

SHREWSBURY SHOW, HT (Fryer int '88 NR). DR (dr), glowing crimson. No reports.

SILVERADO, HT (Christensen '87) [(Ivory Tower x Angel Face) x Paradise]. M (m), soft silver blushed ruby/reverse white, 28 petals. No reports.

SMOOTH LADY, HT (Davidson '86) [Smooth Sailing x {(Polly x Peace) x Circus}]. MP (mp), 21 petals. No reports. (Last year for reporting this rose).

SMOOTH VELVET, HT (Davidson '86) [Smooth Sailing x {Polly x Peace) x Circus)} x Freedom]. DR (dr), 42 petals. No reports. (Last year for reporting this rose).

SOLIDOR, HT (Meilland int '86 NR) [(Arthur Bell x Kabuki) x (Ambassador x King's Ransom)]. MY (my), deep lemon yellow, 35 petals. No reports. (Last year for reporting this rose).

SOLITAIRE (CHARTREUSE) (Reg by IRAR as MACyefre), HT (McGredy '87) (Freude x Benson & Hedges Gold). YB (yb), yellow tinted pink/reverse yellow, 25 petals, RNRS PIT '85. Heaslip (1 pl 3 yrs 8' BC): Butter-yellow edged pink, frilled, decorative form, good substance. Grows like a climber, heavy candelabras in fall, no disease.

SOPHIA, HT (Weddle '88 int '87) (First Prize x Dolce Vita). PB (pb), medium pink with persimmon-orange, 27 petals. Hopkins (1 pl 5 yrs 4.5' ON): Large double bloom, high-centred exhibition form, good substance, long stems, sparse bloomer, in fact I can't remember ever exhibiting a bloom in 5 years. Upright grower, dark green glossy foliage, some blackspot, hardy.

STEPHENS' BIG PURPLE (BIG PURPLE), HT (Pat Stephens, Sam McGredy '85 int '86) (Seedling x Purple Splendor). M (m), purple, 35 petals. Arberry (3 pls 1-2 yrs 2-1 yr 4-6' BC): Large double exhibition form bloom, very good substance, exceptional fragrance. Had 1 plant but obtained 2 more for this year, all 3 have performed beautifully. Vigorous growth habit, dark green matt foliage, no disease. Cadsby (1 pl 3 yrs 3' ON): Big and purple, HT type form, good substance. A very satisfactory rose for those visitors who must ask you, "Have they found a blue rose yet?" Almost, in New Zealand! Tall grower, sparse foliage, no disease. Decker (1 pl 2 yrs tall AK): Dark purple, grape juice colour. Medium size bloom, exhibition form, floriferous, average rebloom, fragrant. Upright grower, matt foliage, some mildew. Mychaluk (1 pl 3 yrs 2.5-3' AB): More garden than exhibition form, OK substance, one to a cane, poor repeat. Every year

this bush blooms I have to remind myself it's purple, seems more deep red to me, almost maroon as it ages. Strong grower, well clothed with foliage over whole bush, no disease noted, hardiness is good. Raven (1 pl 3 yrs 3' AB): I like the unusual colour, double peony bloom 4" across, decorative form, good substance, opens well in spite of the extra petals, could last a little longer. Upright grower, no disease, hardiness OK if mounded. (Last year for reporting this rose).

SUMMER DREAM, HT (Warriner '86 int '87) (Sunshine x Seedling). AB (ab), apricot pink, 30 petals, J&P ROTY '87. Hopkins (1 pl 4 yrs 4' ON): Outstanding apricot-pink blend, double bloom, exhibition form, good substance, sparse bloomer. Upright growth habit, medium green foliage, some mildew, hardy.

SUNNYBROOK ROSE, HT (Delbard '87 int '88 NR). MY (my), 35-45 petals. No reports.

SUNSATION (VELDFIRE), HT (Kordes '87 int '88) (Seedling x Seedling). AB (ab), glowing apricot to orange/reverse yellow, 38 petals, Sheridan's 75th Anniversary Rose. Decker (1 pl 1 yr med AK): Nice bright colour, orange with yellow reverse, large bloom, exhibition type form, some confused centres, good substance, medium fragrance, nice cut flower if you overlook the mildewed foliage, medium rebloom cycle. Upright grower, medium glossy foliage. Dickey (1 pl 3 yrs 4.5' ON): Large double bloom, exhibition form, good substance, sensational glowing colour, in singles and clusters, good repeater. A beautiful and strong rose. Vigorous grower, good foliage, no disease, hardiness is good. Hopkins (2 pls 3 yrs 3' ON): Double bloom, exhibition form, good substance, a few blooms are beautiful, otherwise my plants are disappointing. Upright grower, some blackspot and mildew, hardy. Jubien (3 pls 4 yrs 3' QC): Semi-double bloom, decorative form, good substance, tall strong grower. This rose has always been a good grower for me and receives much comment. Ample foliage, no disease, hardiness is good. Stanton (1 pl 5 yrs 5' ON): Wonderful striking colour, exhibition form, good substance, floriferous. This one grows on me, it really does improve with age. Tall upright growth habit, large shiny foliage, relatively disease-resistant, hardiness is good.

TEQUILA SUNRISE (BEAULIEU), HT (Dickson '88 int '89) (Bonfire Night x Freedom). RB (rb), deep golden yellow/heavily edged vivid scarlet, 40 petals, RNRS GM '88, The Hague GM, Rome GM, Prize Baden-Baden, Belfast GM '91. Arberry (2 pls 1 yr 2' BC): Most blooms small and confused, poor substance. Am disappointed in this rose after reading the reports on it. Will give it another year, if no improvement - deep six. Straggly grower, dark green foliage, slight blackspot. Raven (1 pl 2 yrs 2' AB): Orange/yellow combination, buds and flowers are stunning when young

but flowers are small for a HT and fade rather badly, decorative form, fair substance. Got lots of comments last year but now people see 'Rio Samba' near it this year, they all prefer 'Rio Samba'. Upright grower, no disease, hardiness OK if mounded. Wood (3 pls 2 yrs 2.5-3' BC): Many petalled but petals are small, medium size bloom, decorative form, fair substance, long lasting, but petals mark in rain, they hate rain! For some unknown reason blooms look like the 'rose midge' got them but this is not apparent on the other roses in the same vicinity. After 2 years I'm throwing them out! Sprawly grower, so-so foliage, disease-resistant.

THE McCARTNEY ROSE (PAUL McCARTNEY) (SWEET LADY), HT (Meilland int '91 NR). MP (mp), 20 petals, Geneva GM '88, LeRoelx GM & FA '88, Monza GM & FA '88, Paris GM '88, Bagatelle FA '88, Madrid FA '88, Belfast FA '93. Brown (1 pl 1 yr 3' BC): Blooms may or may not be exhibition quality, but a very nice rose, good substance, very strong perfume. Somewhat spreading plant so far, light green foliage, no disease.

THE OBSERVER, HT (Fryer int '91 NR). AB (ab), caramel-bronze. No reports.

THE TEMPTATIONS, HT (Winchel '90 int '93) (Paradise x Admiral Rodney). PB (pb), pink blend/medium pink reverse, 35 petals, ARC TG(G) '89. Arberry (2 pls 1 yr 2.5-3' BC): Though pink blend it is very light pink, double bloom, exhibition form, good substance. Very nice rose for 1st year, not too vigorous growth habit, hoping for improvement next year. Foliage quite abundant, no disease. Raven (1 pl 1 yr 2' AB): Orchid pink edges with rest in white, you can see its relationship to 'Paradise', one of its parents, but does not compare, looks like a washed out version. Colours in the pictures don't come very true except in very cool weather, double bloom, fair substance. Upright grower, foliage not attractive, touch of powdery mildew, hardiness OK if mounded.

THRILLER, HT (Bridges '86) (Lady X x Flaming Beauty). PB (pb), white centre/pink edges/reverse slight pink edging, 28-30 petals. No reports. (Last year for reporting this rose).

TINO ROSSI, HT (Meilland int '90 NR) [(Pink Panther x Dream x Jardins de Bagatelle)]. MP (mp), neyron pink, 50-55 petals, Bagetelle FA '89. No reports.

TROJAN VICTORY, HT (Kordes '86) (Seedling and Uwe Seeler). DR (dr), rich deep red, 50 petals. Hopkins (1 pl 3 yrs 4' ON): Double bloom, exhibition form, excellent substance, a nice rose but no outstanding features. Bushy grower, dark green foliage, disease-resistant, hardy. (Last year for reporting this rose).

TUXEDO, HT (Christensen '88) (Portland Trailblazer x Olympiad). DR (dr), 45 petals. No reports.

UNFORGETTABLE, HT (Warriner '91 int '92) (Honor x American Dawn). MP (mp), 26-40 petals. Boyd-Galick (1 pl 2 yrs 4.5' BC): Uneven form, weak necks on blooms, blooms 'ball' in our damp climate, last year was hotter than usual and the blooms still balled. This one is totally forgettable, plant had lots of winter-kill, gets mildew and blackspot in spite of regular spraying with Funginex, if blooms do open they blow quickly. Sprawling growth habit, not very hardy.

VALENCIA (KORDES' ROSE VALENCIA), HT (Kordes int '89 NR) (Jana x Whisky Mac). AB (ab), orange bronze/golden shadings, 36 petals, Durbanville GM '89, Edland FA '89. Arberry (2 pls 2 yrs 3.5-4.5' BC): Pale yellow, exhibition form, good substance, mostly doubles on long stems. Beautiful rose for photography, can almost smell its fragrance on the pictures. Branching upright grower, shiny plentiful foliage, no disease. Heaslip (1 pl 3 yrs 5.5' BC): Large glowing amber/apricot colour, stunning show in the garden, sometimes exhibition form, good substance. Tall semi-bushy growth habit, medium green matt foliage, no disease. Hopkins (1 pl 1 yr 3.5' ON): Double bloom, exhibition form, excellent substance, first bloom was outstanding but a sparse bloomer, looking forward to next year. Upright growth habit, dark green foliage, no disease.

VELVET FRAGRANCE, HT (Fryer '88) (Seedling x Seedling). DR (dr), rich dark velvety crimson, 40-50 petals, Edland FA '87, Baden-Baden FA '90. No reports.

VICTOR BORGE (MICHAEL CRAWFORD), HT (Poulsen int '91 NR). OB (ob). Brown (1 pl 1 yr 2.5' BC): Orange/yellow reverse, large, high-centred exhibition bloom, good substance. Great blooms so far, have increased by one more. Bushy upright grower, mid green glossy foliage, slight mildew. Yeomans (1 pl 1 yr 3' BC): Orange, red and pink. Possible exhibition potential, good growth and production for a first year UK plant. Cannot evaluate in first year.

VISION (BENOMI '75) (Reg by IRAR as POUloni), HT (Poulsen '77 int '90). OP (op), medium salmon red, 22 petals. Arberry (1 pl 1 yr 2.5' BC): Unusual colour combination in each bloom, mostly decorative, fair substance. Looks like another loser but will give it one more year. Straggly, not very vigorous growth habit, dark green foliage, no disease.

WESTERN SUNLIGHT, HT (Davidson '89 int '90) [{(Honey Favorite x Irish Mist) x (San Francisco x Prima Ballerina)} x Just Joey]. AB (ab), apricot-orange, 31 petals. Heaslip (1 pl 2 yrs 2.5' BC): Pale apricot, more

LAMBERT CLOSSE (Shrub)
(Ian Ogilvie, reg 1993, intr.1994)

ivory coloured, in fall colour deepens to shade of orange ice cream. Decorative form, fair substance, grows more like a floribunda. Very short growth habit, dark green glossy holly-like foliage, no disease.

WHITE DELIGHT, HT (Warriner '89) (White Masterpiece x Futura). W (w), ivory white shading to soft pink at centre, 38 petals, ROTY' 90. Shewchuk (1 pl 4 yrs 2.5' AB): 5" bloom, 30-35 petals, exhibition form, good substance, long lasting, fairly good repeat, slight fragrance. Upright compact growth habit, dark matt foliage, mildew this year, wintered well with proper protection.

WORLD PEACE, HT (A. Perry '87 int '89) (First Prize x Gold Glow). PB (pb), pink suffused with cream/petal tips tinged dark pink, 30-35 petals. Arberry (1 pl 2 yrs 3-3.5' BC): Double bloom, decorative form, some confused centres, fair substance, mostly singles and odd clusters, weak necks. Am not overly impressed with this rose, maybe year 3 will improve it. Vigorous growth habit, shiny green foliage, no disease. Heaslip (1 pl 2 yrs 5' BC): Colour goes from cream to pink to darker pink, similar to but darker than 'Peace'. Large bloom, exhibition form, good substance. Tall grower, large medium green glossy foliage, no disease. Mychaluk (1 pl 1 yr 3' AB): Slightly less intense shade(s) of its predecessor 'Peace", not as vivid but very nice blooms. Exhibition form, excellent substance. Strong growth habit, foliage just like 'Peace', no disease. Raven (1 pl 3 yrs 2' AB): Pink with yellow base, aging more pink, looks like 'Peace' in cooler weather but more pink and more petals. Wavy petals, fair number of blooms, fair substance. Upright grower, plain green foliage, touch of powdery mildew, hardiness good if mounded.

ZITRONENJETTE, HT (Kordes '87 int '86) (Sutters Gold x Sunblest). MY (my), 15-25 petals, Baden-Baden GM. Shewchuk (1 pl 2 yrs 1.5' AB): 5" lemon yellow bloom, 18-22 petals, loose type, medium substance, good repeat, pleasant lemony fragrance. Don't care for the loose petal arrangement in bloom. Neat upright growth habit, large medium green glossy foliage, subject to mildew, hardy with proper protection. (Last year for reporting this rose).

GRANDIFLORAS

CARIBBEAN, Gr (Kordes '92 int '94) [Mercedes x (New Day x Seedling)]. AB (ab), apricot/orange yellow blend, 26-40 petals, AARS '94. Cochran (2 pls 1 yr 4-5' CA): Beautiful colour, blend of orange-coral and yellow, dark orange-red tips. Exhibition form blooms open slowly with quilled petals, fair substance, soft fragrance, just single blooms so far, no sprays. Others testing this variety agree only single blooms to a stem. Floriferous

but hard to get started in the spring, best in the fall, hope it will do better. Vigorous upright grower, light green disease-resistant foliage.

ETERNITY, Gr (Twomey '91) (Gitte x unnamed seedling). RB (rb), rich red and cream blend, 34 petals. Beattie (1 pl 1 yr 3-4' MB): Interesting colour, nice pointed buds, medium size bloom, excellent form, very good substance, long strong stems with blooms in large clusters and some single blooms. A very good specimen, hope it winters. Upright tidy growth habit, dark green foliage, some mildew and blackspot. Feindell/Whiteside Garden (2 pls 1 yr 3.5' NS): Large size blooms just glow, good grandiflora form and substance, just a beautiful new rose, all they said it was. Exceptionally dry year here. Vigorous grower, dark glossy foliage, no disease, don't know about hardiness till next year, they are Manitoba roses. Pickett (2 pls 1 yr 18" MB): Pointed buds, large size blooms in clusters, excellent substance, a beautiful rose. Strong grower, glossy foliage, no disease. This is the first year, supposed to be hardy but like all roses in Manitoba it will need special care in the fall.

LAGERFELD (STARLIGHT), Gr (Christensen '86) [Blue Nile x (Ivory Tower x Angel Face)]. M (m), silvery lavender, 30 petals. Decker (1 pl 1 yr tall AK): Light lavender, high- centred exhibition type, holds form well, good substance, slow to repeat, very fragrant. Upright grower, medium green matt foliage, mildews. (Last year for reporting this rose).

PROUD MARY, Gr (J. Twomey '91) (Seedling x Royalty). OR (or), brilliant scarlet-red, 19-21 petals. Beattie (2 pls 4 yrs 2.5-3' MB): Colour appears to be more red than orange-red. Medium size bloom, decorative flat form, good substance. A rather untidy looking bloom but wonderful for cutting or flower arranging, colour is excellent and it's a very untemperamental hard-working specimen. Bushy upright grower, medium green shiny foliage, good resistance to blackspot and mildew, hardiness is good with protection. Feindell/Whiteside Garden (1 pl 1 yr 2' NS): Very nice colour but buds and blooms are small, fair substance. Very disappointing due to severe dry weather. Dark green foliage, no disease. Fosh (1 pl 2 yrs 28" MB): Lovely colour, scarlet red, lively, draws the eye. Not HT form, more like a floribunda, frilly edge to petals, fair substance. Lasts well in floral arrangements but not for exhibition. Quite a few blooms in spite of our poor weather this year, could only spray twice because of continual rain. Not too full a bush, large dark green leaves, touch of blackspot late in year, hardiness is good. Shewchuk (1 pl 2 yrs 2.5' AB): Attractive orange-red colour, 4.5" bloom, wavy petals, cupped form, good substance, rain and sun resistant, long lasting. Lanky branches, large medium green semi-glossy foliage, would look better with more of it, no disease.

QUAKER STAR, Gr (FL in England) (Dickson '91 int '92) (Anisley Dickson x Seedling). OP (op), orange with silver reverse, 40+ petals. Meagher (1 pl 1 yr 30" BC): Rich light vermilion, ovoid buds, 2.5" double bloom, high-centred form, good substance. In clusters and singles, slow repeat but lots of bloom over a period. Excellent resistance to wet weather, blooms last a long while on bush and as cut flower, not much fragrance. If I had more space I'd have a few more. Bushy vigorous grower, dark green foliage, good disease-resistance.

SHINING HOUR, Gr (Warriner '89 int '91) (Sunbright x Sun Flare). DY (dy), deep rich yellow, 33 petals, AARS '91. Haines (1 pl 2 yrs 4' BC): Excellent form, good substance, fully petalled and showing well through all stages from bud to fully open. A fine rose, opening early in the season and continuing in great numbers throughout. Well-mannered growth habit, good dark green foliage, quite disease-resistant, fairly hardy. Raven (1 pl 3 yrs 18" AB): Rich golden yellow, glows in the garden, very nice colour, doesn't fade very much unlike many yellows. Exhibition form, good substance. Low upright grower, nice mid green foliage, no disease, hardiness OK if mounded. Shewchuk (1 pl 3 yrs 2' AB): 4.5" bloom, cupped exhibition form, good substance, lots of bloom, singly or in sprays of 3 to 5, slight fruity fragrance. Neat upright bush has lost some of its vigour this year. Dark semi-glossy foliage, no disease.

SOLITUDE, Gr (Olesen '91 int '92) (Berolina x Seedling). OB (ob), brilliant orange/touches of yellow, 26-40 petals, AARS '93. Arberry (1 pl 1 yr 2' BC): Semi-double bloom, mostly decorative form, fair rather thin substance, mostly in singles, very little repeat. Not too impressed but will wait another year for improvement, meanwhile will move to another location. Not very vigorous, dark green matt foliage, no disease. Decker (1 pl 1 yr med AK): High-centred exhibition type bloom, excellent substance, one to a stem. Only one bloom cycle of 2 blooms but may be better next year. Bushy grower, medium green semi-glossy distinctive foliage, similar to Crystalline in texture but darker. Raven (1 pl 1 yr 2.5' AB): Orange and yellow, what a stunner, but bush was a major disappointment. Blooms were out of this world but on weak necks so they all broke or hung right over, I detest roses that can't hold their heads up. AARS slipped on this one! Exhibition form, good substance, very large clusters, large heavy blooms. Upright grower, foliage not very attractive, no disease, hardiness OK if mounded. Shewchuk (1 pl 1 yr 2.5' AB): 4" blooms in large clusters, good repeat, slight fragrance, has done well this year. Bushy grower, medium green semi-glossy foliage, no disease.

SPELLCASTER, Gr (Warriner '91 int '92) (Seedling x Angel Face). M (m), mid lavender with lighter and darker shadings, 26-40 petals. No reports.

TOURNAMENT OF ROSES (BERKELEY) (POESIE), Gr (Warriner '88) (Impatient x Seedling). MP (mp), light coral pink/reverse deep pink, 35-40 petals, AARS '89. Arberry (2 pls 1-2 yrs 1-1 yr 3-4.5' BC): Double bloom, exhibition type, excellent substance, mostly clusters but some singles, still one of the best pinks. Vigorous strong stems, healthy foliage. Archibald (2 pls 4 yrs 28" SK): Double very large many-petalled bloom, exhibition form, excellent substance, in singles and clusters, almost continuous bloom. Still best rose to come out in last few years. Bushy vigorous grower, lots of foliage, disease-resistant, hardiness is good. Clausen (1 pl 2 yrs 3' ILL): I like this rose, coral-pink, nice to use in arrangements, classic form, good substance, has won a couple of blues. Average growth habit, good foliage, excellent disease-resistance, hardiness is good. Decker (1 pl 4 yrs med AK): Colour is different, medium pink in centre, outer edges lighter shade, almost tan. Large high-centred exhibition form bloom, excellent substance, small clusters or singles, average rebloom, no fragrance, one I would keep! Bushy grower, dark semi-glossy foliage, no disease. Dickey (1 pl 2 yrs 3' ON): Large double bloom, exhibition form, good substance, singles and clusters. Lovely shade of pink, stems sometimes weak, still very beautiful and attracts comments. Compact grower, no disease. Hopkins (1 pl 3 yrs 3' ON): Exhibition form, excellent substance, lots of bloom, mostly borne in clusters, looks like a floribunda. Compact grower, some blackspot, hardy. Ouellette (1 pl 2 yrs 3' QC): High-centred smallish bloom opens flat and holds well on bush, very good substance. Two years and not very prolific bloom-wise in my garden, prefer 'Sonia' which is similar in colour. Upright grower, stems a bit weak, dark green healthy foliage, lots of die-back, fairly tender rose, recovery slow resulting in lack of vigour in bush size and quantity of bloom. Raven (1 pl 4 yrs 3' AB): Rather unusual flesh pink colour, small flowers for a grandiflora, 2.5" across, decorative form, can be exhibition, good substance. Blooms usually in singles, lots of them. Upright grower, no disease, hardiness OK if mounded. Shewchuk (3 pls 5 yrs 2.5' AB): Coral pink, deep pink reverse, fade resistant, long lasting. 4" bloom, borne singly or sprays of up to 6, holds colour well for a long time, substance good. I would suggest that every rose grower should grow this one. Subject to mildew, winters well with proper protection. Stedman (1 pl 2 yrs 1.5-2' PE): Small plant didn't make it through winter, excellent blooms, will likely replace but seems to be tender. Thompson (1 pl 1 yr 4' BC): Picture perfect each time, good substance, nice inflorescence, one of the loveliest. Great in arrangements, holds. Good growth habit, disease-resistant foliage. Williams (3 pls 3 yrs 3' BC): I adore this rose, should have a whole bed of them! Only thing missing is a lovely perfume, In singles and clusters, very floriferous, comes late in season for me, still flowering now in mid October, good substance. Upright bushy growth habit, some blackspot, hardiness OK but I protect it in winter.

WAIIIEKE (WAIKIKI), Gr (McGredy '86 int '87) (Tony Jacklin x Young Quinn). OP (op), coral-pink, 30 petals. Decker (1 pl 5 yrs med AK): Medium size bloom, have had some exhibition type sprays, new growth reddish, good substance, frilled edges. Clusters of 5-12 blooms, average bloom cycle, some fragrance, will rainspot, but a nice rose. Bushy grower, dark green glossy foliage, a little mildew.

WINNING COLORS, Gr (J. Twomey '89 int '90) (Gingersnap x Marina). OB (ob), orange-yellow blend, 60 petals. Beattie (2 pls 4 yrs 2.5-3' AB): Decorative form, good substance, does not produce exhibition type blooms but colour is striking and it is a flower arrangers delight, petals stay on and it always looks fresh, three or four plants together make quite a sight. Begins to blooms in early spring, right up to late fall. Vigorous grower, dark green shiny foliage in abundance, good disease-resistance, survives winter with protection. Biddulph (1 pl 3 yrs 1.5' MB): Attractive eye-catching bloom, a flashy rose when grown in solid beds - one rosarian used red geraniums as a border (a traffic stopper) for 3 dozen bushes, very colourful, long lasting. In great demand in Manitoba, very attractive glossy foliage is true on nearly all Twomey roses, virtually disease free, a real bonus these past 2 summers. Compact grower, dark green shiny attractive foliage, hardiness good if properly protected. Shewchuk (2 pls 4 yrs 2' AB): Orange-yellow blend colour is the attention getter in the garden, does not fade easily in sun. 2.5" bloom, 36-50 petals hold on a long time turning yellow in a week, lots of bloom, good repeat, light musk fragrance. Cupped form, fairly good substance. Medium green glossy foliage, new foliage reddish, mildew resistant, winters well with proper protection.

FLORIBUNDAS

ARDS BEAUTY, FL (Dickson '84 int '86) [(Eurorose x Whiskey Mac) x Bright Smile]. MY (my), soft yellow, 20 petals, RNRS GM '83. No reports. (Last year for reporting this rose).

BILL SLIM, FL (Harkness '87 int '89) (Seedling x Silver Jubilee). OP (op), salmon/deep pink reverse, 30 petals. No reports.

BLUE JAY, FL (Delbard '91 int White Rose Nursery, Canada NR). M. Adamson (1 pl 2 yrs 2' ON): Lavender blue, decorative form, fair substance, definitely a border rose, infrequent blooms but fragrant. Slow grower, not vigorous, first rose to show blackspot in early summer. Freeman (3 pls 2 yrs 8" ON): Saw this in White Rose's fields 3 years ago and it was the best rose there, gorgeous wavy trusses of bright mauve. Have tried 3 plants in 3 different beds since, had 3 sickly flowers, none grew more than 8" tall and all died. I give up!! Hopkins (1 pl 1 yr 10" ON): This 'twig' was a gift,

plant did nothing all year except take up space. No form, no substance, a few green leaves, blackspot.

BY APPOINTMENT, FL (Harkness '89 int '90) (Anne Harkness x Letchworth Garden City). AB (ab), pale buff/apricot, 22 petals. No reports.

CHRISTINGLE, FL (Harkness '85 int 87) (Bobby Dazzler x Alexander). OR (or) 35 petals. No reports. (Last year for reporting this rose).

CITY OF BRADFORD, FL (Harkness '86) [(Manx Queen x Whisky Mac) x {(Highlight x Colour Wonder) x (Parkdirector Riggers x Piccadilly)}]. OR (or), vermilion, 15 wavy petals. No reports. (Last year for reporting this rose).

CITY OF LONDON, FL (Harkness '86 int '88) (Radox Bouquet x Margaret Merril). LP (lp), deep mother-of-pearl pink, paling towards outside, 15-25 petals, Le Roeulx GM '85. Batchelor (2 pls 1 yr 5' BC): Pale pink, almost white, exhibition form, plenty of blooms with tight centres as outer petals reflex, excellent substance. Very sweet perfume which comes from its parents, 'Margaret Merril' and 'Radox Bouquet', highly recommended. Very vigorous grower, lots of shiny foliage, slight blackspot. Yeomans (2 pls 3 & 2 yrs 4.5' BC): Pretty light pink flowers, can produce a good spray. A willowy grower, perhaps best grown along a low fence.

CLASS ACT (FIRST CLASS) (WHITE MAGIC), FL (Warriner '88) (Sunflare x Seedling). W (w), 15-20 petals, AARS '89, Portland GM '89. Arberry (1 pl 2 yrs 2-2.5' BC): Semi-double bloom with golden stamens when fully open, mostly decorative form, excellent substance. An improvement over last year but still has a way to go to keep a place in the garden. Bushy grower, mediocre foliage, no disease. Dickey (1 pl 2 yrs 1-2' ON): Semi-double blooms of medium size, decorative form, fair substance. A very low bush with clear white crisp blooms, should be planted at edge of bed or border, a favourite. Low spreading grower, good foliage, hardiness is good. Raven (1 pl 4 yrs 20" AB): Semi-double bloom, decorative form, large clusters, good repeat. Flowers open nicely to reveal a nice cluster of stamens, nice size blooms and lots of them. Upright grower, shiny green foliage, blackspot, hardiness OK if mounded. Shewchuk (3 pls 5 yrs 2' AB): 4" semi-double blooms with loose petals, flat form, medium substance, good repeat, stands rain very well, fragrant. Low neat bush, dark semi-glossy foliage, some mildew this year, winters well with proper protection. Yeomans (1 pl 3 yrs 3.5' BC): An open plant, quite a good producer, healthy. Lacks charm to me. an AARS Portland Gold Medal.

COCORICO, FL (Meilland int '89 NR) (Chaook x Coppelia '76). YB (yb), light yellow/bordered carmine pink, 10-13 petals. Rome GM '89, Monza GM '89, Bagatelle GM '89, Baden-Baden GM '90, Saverne GM '89. No reports.

CONQUEROR'S GOLD (DONAUWALZER), FL (Harkness '86) (Amy Brown x Judy Garland). YB (yb), yellow/edged orange-red, 18 petals. Yeomans (1 pl 1 yr 2.5' BC): Flower gold with red edge, vivid colour. Have to reserve judgement on the rest, got a poor plant. (Last year for reporting this rose).

DAILY POST (LIVERPOOL DAILY POST), FL (Fryer int '92 NR). DR (dr), dark velvety crimson, Rome Silver Medal '92. Jalbert (1 pl 1 yr 2' BC): Double bloom, decorative form, outstanding substance, borne in even clusters, excellent repeat. Very pleased with first year growth, heavy bloomer that doesn't mind the rain. Best new floribunda for my 1993 garden. Compact even growth habit, very glossy foliage, no disease.

DAME WENDY, FL (Cants int '91 NR). MP (mp). Brown (1 pl 1 yr 2' BC): Light pink to apricot, decorative form, good substance, in sprays of 4-6 blooms, wavy petals. Like it so far but one year not enough, may increase. Bushy growth habit, mid green glossy foliage, no disease.

DIADEM, FL (Tantau int '86 NR). MP (mp), Durbanville GM '90. Brown (1 pl 1 yr 2.5' BC): HT shape bloom, decorative form, good substance, in singles and clusters of 4-6 blooms. Perfect mid size blooms on a nice growing healthy bush, mid green foliage. (Last year for reporting this rose).

FELLOWSHIP (Reg by IRAR as HARwelcome), FL (Harkness '92) (Southampton x Remember Me). OB (ob), orange, 15-25 petals, RNRS GM '90. Brown (1 pl 1 yr 3' BC): Dark and light orange, decorative form, frilled petals, excellent substance, blooms 6-10 per cluster and in singles. Looks to be a great rose in every respect and may even exhibit well. Bushy grower, dark green glossy foliage, no disease. Wood (3 pls 1 yr 2.5-3' BC): Blooms are 'on fire' - beautiful! Double bloom, garden variety, excellent substance, in small trusses, good repeat. Has to be the best new rose in my garden, more a HT than FL but long lasting blooms. Absolutely a rose for every garden. Bushy grower, light green shiny foliage, no disease so far.

FESTIVAL FANFARE (ST. JOHN OGILVIE), FL (Ogilvie '82 int '86) (Sport of Fred Loads). PB (ob), dark pink with paler pink stripes, 8-9 petals. Stedman (1 pl 1 yr 5' PE): Poor plant with poor vigour. Died, won't replace. (Last year for reporting this rose).

FIRST KISS, FL (Warriner '91) (Sun Flare x Simplicity). PB (pb), light pink/light yellow at base, 15-25 petals. No reports.

GAVNO (BUCKS FIZZ), FL (M & P Olesen '88) (Seedling x Mary Sumner). OB (ob), clear soft orange, 20 petals. No reports.

GLAD TIDINGS (LUBECKER ROTSPON) (PETER WESSEL), FL (Tantau '88 int '89) (Seedling x Seedling). DR (dr), intense velvety crimson, 20 petals, RNRS ROTY '89, Durban GM '91. Yeomans (1 pl 2 yrs 3.5' BC): HT shaped flowers, bushy, healthy, best red floribunda in my garden. ROTY and RNRS GM.

GOLDEN HOLSTEIN, FL (Kordes int '89 NR). DY (dy), bright unfading yellow, 12 wavy petals. Decker (1 pl 3 yrs med AK): Single 4" bloom, open form, could be exhibition, good substance, in large clusters, slow to repeat bloom but lots of them. If my season was another month longer, expect this rose would be a favorite, lots of buds now showing (mid September), 20 to 30 per stem. Spreading growth habit, light green matt foliage, moderate mildew. Shewchuk (1 pl 2 yrs 1.5' AB): Very attractive bright lemon yellow, does not fade, 3" bloom 12-18 wavy incurved petals, cupped form, very good substance, had very few blooms this year. Not enough vigour and bloom to recommend it even though bloom is very attractive. Weak upright canes, dark glossy foliage, no disease. Thompson (1 pl 1 yr 3' BC): Semi-double bloom, very rich deep yellow, great colour. Medium substance, no fragrance. Bushy grower, disease-resistant.

GOLDEN YEARS, FL (Harkness '88 int '90) (Sunblest x Amber Queen). MY (my), golden yellow/reverse some bronze tint, 46 petals, Hradec Golden Rose '89, Orleans GM '90. Jalbert (1 pl 2 yrs 4' BC): Very double decorative bloom, very attractive colour, very good substance, borne in clusters, always a few blooms on this plant, repeat bloom is excellent. Highly recommended. Upright bushy growth habit, dark green glossy foliage, no disease.

GRACELAND, FL (Patio) (Kirkham int '89 NR). OP. No reports.

GREAT ORMOND STREET, FL (Beales int '91 NR). MY (my). McAusland (1 pl 1 yr 30" BC): Single HT type excellent shaped flowers, exhibition form, good substance, not a profuse bloomer, does not spot in rain. Very fragrant and challenges the Old Garden Roses, have ordered another 5 bushes. Bushy grower, rich dark green foliage, disease free to date.

H.C. ANDERSEN (HANS CHRISTIAN ANDERSEN) (AMERICA'S CHOICE), FL (D.T. Poulsen '86) (Royal Occasion x Seedling). DR (dr). Freeman (1 pl 3 yrs 4.5' ON): Huge trusses of wavy flowers, in constant bloom, excellent substance. Still the work horse in my garden, not more than 10 days without bloom all season, a landscaping dream. Narrow upright growth habit, excellent foliage, hardiness is excellent. (Last year for reporting this rose).

HARKNESS MARIGOLD (Reg by IRAR as HARtoflax), FL (Harkness '86) (Judy Garland x Anne Harkness). OB (ob), 35 petals. Yeomans (1 pl 7 yrs 5.5' BC): Have had one or two stunning sprays, that's all in 7 years. Maybe I should move it. (Last year for reporting this rose).

HAROLD MACMILLAN, FL (Harkness '88 int '89) (Avocet x Remember Me). OR (or), 18 petals. Brown (1 pl 1 yr 2.5' BC): Small HT shaped blooms in clusters of 6-10, decorative form, good substance. I like it - clusters of colourful blooms, have seen it growing 3.5' high and 3' wide. Bushy grower, mid green glossy foliage, no disease. Hollinger (4 pls 3 yrs 3-4' ON): Buds are very glowing orange, tight high centres, decorative and show form, good substance, most floriferous. I love this rose, glows like a flame and bushes are covered with blooms, repeats well considering length of blooming time. Full grower, lush foliage, no disease, hardiness is good.

HARVEST FAYRE, FL (Dickson '89) (Seedling x Bright Smile). OB (ob), orange/apricot, 15-24 petals, RNRS ROTY '90. Raven (1 pl 1 yr 2' AB): Butter-yellow colour fades well to soft yellow, decorative form, excellent substance, in large clusters, blooms really last and last and lots of them. I like the colour and the blooms but the foliage is a bit ratty looking, light green and rather insipid. Upright spreading grower, no disease, hardiness OK if mounded. Wood (2 pls 2 yrs 2.5-3' BC): Apricot and yellow, a gorgeous colour. Decorative garden form, good substance, a lovely garden rose, colour is lovely and the blooms last forever (in the garden), small double petals, in trusses of 9-12.

ILLUMINATION, FL (Pallek '86, NR). AB (ab), salmon/apricot. Shewchuk (1 pl 1 yr 2.5' AB): 4.5" bloom, 26-28 petals, urn shaped form, very good substance, good repeat, slight fragrance. Has done very well this year. Bright neat bush, medium green, semi-glossy foliage, no disease. (Last year for reporting this rose).

JULIE ANDREWS, FL (Fryer int '92 NR). OP (op), soft coral salmon. Brown (1 pl 1 yr 3' BC): Small HT type blooms, exhibition and decorative form, good substance, in singles and clusters of 3-4. A great little rose, however it may be slow to repeat, time will tell. Upright growth habit, mid green foliage, no disease.

JULIE CUSSONS, FL (Fryer int '88 NR). OB (ob). No repeats.

KATELYN ANN, FL (M.C. Williams '87 int '92) (Seedling x Seedling). MP (mp), deep pink/reverse pale pink/hint of yellow, 60 petals. Cullen (8 pls 2 yrs 2-3' NY): Small bloom, many-petalled form, superb substance. This rose has everything, health, productivity, lovely flower and fragrance, most of the virtues of 'Sexy Rexy' but a more 'old-fashioned' form and with a great fragrance. Does well in partial shade. Upright compact growth habit, beautiful dark green holly-like foliage, no disease.

LADY RACHEL, FL (Cants int '90 NR). (w), cream. No reports.

LAUGHTER LINES, FL (Dickson '86) [(Pye Colour x Sunday Times) x Eye Paint]. PB (pb), hand painted cherry red, gold and white over rosy pink background, 6-14 petals, RNRS Gold Medal '84. No reports. (Last year for reporting this rose).

LLOYDS OF LONDON, FL (Cants '91 NR). OB (ob), yellow/orange reverse. Brown 1 pl 1 yr 3' BC): A nice colour combination that can't be missed in the garden. Double bloom, decorative form, good substance, cluster of blooms 6-8 per stem. Bushy grower, medium green glossy foliage, disease free so far. Meagher (1 pl 2 yrs 3' BC): Deep orange/golden reverse, 2" double bloom, round buds open to HT shape, good substance, blooms in 3-4 flushes per season, clusters of up to 11, but blooms often have individual stems which are fairly long, not much fragrance, good as cut flower but watch out for the thorns. Bushy vigorous grower, glossy dark green foliage, good disease resistance.

MME. FERNANDEL, FL (Meilland int '89 NR) (Irene x Manou Meilland). MR (mr), deep rose-red, 33-35 petals, Bagatelle GM '88. No reports.

MANY HAPPY RETURNS (PRIMA), FL (S in US) (Harkness '88 int '91) (Herbstfeuer x Pearl Drift). LP (pb), light rosy blush pink, 18 petals, Geneva GM '87. Meagher (1 pl 2 yrs 2.5' BC): 3" bloom, ovoid buds open to show stamens, good substance, in clusters of up to 9. The catalogue says continuous bloom, so far we have seen 2 flushes a year but each is over 3 weeks long. We've ordered more! Spreading growth habit, dark green shiny foliage, very healthy, good disease-resistance.

MARIANDEL (THE TIMES ROSE)(CARL PHILIP)(KRISTIAN IV), FL (Kordes '86) (Tornado x Redgold). MR (dr), crimson-scarlet, 8-14 petals, RNRS PIT '82, Golden Rose of the Hague '90. Shewchuk (2 pls 5 yrs 2' AB): Blood red 3" bloom, does not fade, good substance, large trusses, always in bloom, stands up well in rain. Slightly spreading growth habit, dark semi-glossy foliage, new leaves reddish, no disease, hardy with proper

protection. (Last year for reporting this rose).

MELODY MAKER, FL (Dickson '90 int '91) (Anisley Dickson x Wishing). OR (or), gentle vermilion/silver reverse, RNRS ROTY '91. Meagher (1 pl 2 yrs 2.5-3' BC): 2.5" double bloom, buds ovoid, blooms HT shape, good substance. Clusters of up to 9, good repeat, good bedding rose, blooms last a long time on bush and as cut flower. Glossy dark green foliage, definitely requires spraying for mildew. Raven (1 pl 1 yr 1' AB): Orange colour not especially unusual or different, double bloom, decorative form, good substance. Can't really comment on this one too much as bush did not travel well from England, and is a small bush. If it survives the winter I'll be able to report better next year. Mid green foliage, no disease, hardiness OK if mounded.

NEON LIGHTS, FL (Warriner '91) (Intrigue x Impatient). DP (dp), hot magenta pink, 15-25 petals. Decker (2 pls 2 yrs med AK): Dark magenta pink, another of my favourites for its nice bright colour. Large high-centred bloom, garden form, good substance, small clusters, opens to show stamens, floriferous, average rebloom, may rainspot, medium fragrance. Bushy grower, medium green semi-glossy foliage, no disease.

PENSIONERS VOICE, FL (Fryer int '89 NR) (Alexander x Silver Jubilee). AB (ab), orange/apricot. No reports.

PLAYGIRL, FL (Moore '86) (Playboy x Angel Face). MP (mp), medium pink/yellow stamens, single. No reports. (Last year for reporting this rose).

PLEASURE, FL (Warriner '88 int '90) [(Merci x Faberge) x Intrigue]. MP (mp), coral-pink/reverse lighter, 33 petals, AARS '90. Decker (1 pl 3 yrs short AK): Large fluffy blooms, decorative form, good substance, average rebloom. My plant is not real healthy, is probably floriferous. Compact growth habit, dark semi-glossy foliage, some mildew. Hart (1 pl 1 yr 21" ON): Pretty coral pink, 4" double bloom, quite full exhibition form, excellent substance, blooms in clusters. This is a beautiful rose but does have problems with blackspot. Small foliage, needs another year to evaluate hardiness. Raven (1 pl 4 yrs 2' AB): Shell pink, 4" semi-double bloom, decorative form, frilly petals, excellent substance, huge flowers for a floribunda, in small clusters. Very attractive all round plant, lots of very large blooms makes this a very attractive floribunda. Very upright growth habit, excellent shiny green foliage, no disease, hardiness OK if mounded. Shewchuk (3 pls 4 yrs 2' AB): 3.5" ruffled bloom, 38 petals, beautifully shaped, good substance, long lasting, resists fading, stands up well in rain and hot weather, slightly fragrant. I like this rose, it will become popular. Trim neat bush, large medium green semi-glossy foliage, mildew resistant, survives winter with proper protection.

RED HOT (Reg by IRAR as MACbigma), FL (McGredy '88) (Eyepaint x Ko's Yellow). PB (pb), hand painted, 15-25 petals.

PRUNELLA, FL (Cants int '90 NR). (or). Brown (1 pl 1 yr 2' BC): Reddish orange, small double HT type blooms, decorative form, good substance, in sprays of 3-6. I am growing it in a poor location, will move it to a better locale this fall to get a better idea. Upright grower, medium green glossy foliage, no disease.

RED HOT (REDHOT) (Reg by IRAR as MACbigma), FL (McGredy '88) (Eye paint x Ko's Yellow). PB (pb), hand painted pink blend (according to Modern Roses 10), 15-25 petals. Decker (1 pl 3 yrs short AK): Decorative form, opens quickly and quick to lose petals, fair substance, lots of bloom, medium bloom cycle. Hardly bigger than a miniature in bloom size, more of a patio rose. Short bushy growth habit, small light green foliage, susceptible to spider mites.

REDWOOD, FL (McGredy '88 int '87) (Old Master x Wienerwald). RB (rb), red/white eye, hand painted, 14 petals. Wood (3 pls 3 yrs 3' BC): lst year beautiful painted petals, now just blended red and yellow, not as good as McGredy's other hand painted. Decorative form, so so substance, single to double, I now like 'Tango' and 'Matangi' better. Bushy grower, thorny, good foliage, susceptible to disease.

REMEMBRANCE, FL (Harkness '92) (Trumpeter x Southampton). MR (mr), 32 petals. Meagher (5 pls 1 yr 2' BC): Non-fading deep scarlet, 2.5-3" double bloom, ovoid bud opens flat, petals scalloped slightly, good substance. Clusters of 3-5, quick repeat, blooms last on bush well, haven't tried as cut flower yet but good garden plant, not much fragrance. Bushy vigorous grower, dark glossy foliage, red when young, good resistance.

ROSY FUTURE, FL (Patio) (Harkness '92 int '91) (Radox Bouquet x Anna Ford). DP (dp), carmine, 15-25 petals. Meagher (1 pl 2 yrs 2' BC): Deep rose pink, non fading. Pointed buds open to 1.5-2" HT shape bloom, good substance, not many petals, blooms open quickly but if you cut them young they last longer than on bush. Small clusters, good repeat, one of the smaller varieties that are definitely fragrant. Bushy vigorous grower, dark glossy foliage, red when young, no disease.

SEAFARER, FL (Harkness '86) (Amy Brown x Judy Garland). OR (or), dark orange red, 30 petals. No reports. (Last year for reporting this rose).

SENORITA, FL (Warriner '91 int '92) (Seedling x Matador). (or), orange-red to red on top of petal, yellow petal base and yellow tan reverse, 26-40 petals. Decker (1 pl 1 yr med AK): Nice bright colour, orange-red with

yellowish reverse, fading to light red. High-centred medium size blooms but mostly garden type, good substance, singles and small clusters, floriferous, quick to rebloom but does rainspot. Upright grower, dark semi-glossy foliage, some mildew.

SPEK'S CENTENNIAL (LOVE'S SPRING) FL (McGredy int '91 NR). OB (ob), coppery yellow/orange. No reports.

SUMMER FASHION (ARC DE TRIOMPHE), FL (Warriner '86) (Precilla x Bridal Pink). YB (yb), light yellow/edged pink, 20 petals. Brisbane (1 pl 4 yrs 2.5' BC): Lovely blend of pale yellow with pink shading and edging, large high centred exhibition blooms, excellent substance, borne mostly singly, floriferous, seldom out of bloom, holds form well, very nice fragrance. A beautiful rose, and one of my favourites, visitors mistake it for a hybrid tea. Bushy vigorous growth habit, medium green semi-glossy foliage, no disease problems with faithful spray program. Decker (1 pl 5 yrs med AK): Very large high-centred exhibition bloom, good substance, beautiful large blooms for a floribunda, does rainspot, some fragrance. Small clusters or singles, floriferous, slow rebloom. Spreading grower, medium green semi-glossy foliage, bad mildew. Hart (2 pls 5 & 4 yrs 20" & 23" ON): Beautiful 3 colour bloom, white, yellow and pink changing to rose, large 5" bloom, HT type, flat bloom, quite full substance. Fairly sturdy grower, lighter green foliage, blackspots, winter hardy with covering. Heaslip (1 pl 2 yrs 3.5' BC): Ivory edged warm pink, pink darkens as it ages, HT form, good substance, profuse bloom. Bushy grower, medium green semi-glossy foliage, no disease. Mychaluk (1 pl 3 yrs 2.5' AB): Creamy white flushed with pink, HT form, excellent substance, lots of bloom, singles and sprays, each bloom possible exhibition. My best floribunda performer this year (boy, it must like rain!). Fragrance you can smell 8' away. Strong upright grower, OK foliage, mildew, hardiness is OK too. (Last year for reporting this rose).

SUN FLARE CLIMBING (YELLOW BLAZE) ClFL (J. Burks '89) (Sport of Sun Flare. MY (my), 30 petals. Brown (1 pl 3 yrs 15' BC): Same as the floribunda except larger, decorative form, good substance. A great climber with lots and lots of bloom in July, unfortunately it only blooms once and then proceeds to put on growth upwards and outwards. Dark green glossy foliage, no disease.

SUNSEEKER (formerly Duchess of York), FL (Patio) (Dickson int '92 NR). RB (rb), single. Meagher (1 pl 1 yr 18" BC): Bright orange/yellow/red blend, yellow eye, 2" single bloom, pointed buds open flat, fair substance, singles and clusters, have counted up to 11 on a stem, 2-3 flushes. A cheerful little plant that would brighten any corner, great for edging. Bushy vigorous grower, glossy dark green foliage, disease-resistant.

SWEET INSPIRATION, FL (Warriner '91 int '93) (Sun Flare x Simplicity). MP (mp), medium pink with some cream on both sides of petal base, 26-40 petals, AARS '93. Decker (1 pl 1 yr med-short AK): Light pink here, high-centred exhibition form, good substance, medium size blooms, small clusters of 3-7, quick to rebloom. Like this rose! It's lighter in colour than pictures, would be exhibition if stems longer, rain resistant. Bushy grower, medium green matt foliage, no disease. Raven (1 pl 1 yr 2' AB): 3.5", semi-double, large heavy clusters of beautiful soft pink blooms, exhibition form, good substance. I like the colour and there are lots of flowers, it's been in bloom almost steadily most of the summer. Spreading growth habit, shiny foliage, no disease, hardiness is OK if mounded. Shewchuk (2 pls 1 yr 2.5' AB): Medium pink, creamy at the base, 4" bloom, large clusters, good repeat, has done very well this year. Upright bushy grower, thorns sparse, medium green matt foliage, no disease.

TABRIS (RASPBERRY ICE in U.S.) FL (Kordes int '86 NR). PB (rb), white/pink edges. No reports. (Last year for reporting this rose).

TIGER TAIL, FL (Christensen '91) (Matangi x Pinstripe). OB (ob), deep orange, white or cream stripes/cream reverse/small eye, 26-40 petals. No reports.

TOPROSE, FL (Cocker '92 int '88) [{(Chinatown x Golden Masterpiece) x Adolph Horstman} x Yellow Pages]. DY (dy), bright yellow, 26-40 petals, Baden-Baden GM '87. Meagher (5 pls 1 yr 2.5-3' BC): Round bud, 3-4" double bloom, decorative form, good substance, usually in clusters of 3, good repeat. Resembles a shorter 'Chinatown', bloom weather resistant, lasts a good while on bush, haven't tried as cut flower, some scent. Good landscape rose. Upright grower, mid green shiny slightly crinkled foliage, very good disease-resistance.

VALENTINE HEART, FL (Dickson '89 int '90) (Shona x Pot o' Gold). MP (mp), 15-25 petals. Brown (1 pl 1 yr 3' BC): Double bloom, light pink, frilled petals, decorative form, good substance, in sprays of 3-6, looks good so far. Upright grower, dark green foliage, no disease. Yeomans (1 pl 1 yr 3.5' BC): Very vigorous for first year plant from UK. Pink and white flowers borne in profusion, mostly one to a stem - pleased!

VOLUNTEER, FL (Harkness '85 int '86) (Dame of Sark x Silver Jubilee). YB (yb), pastel yellow and pastel rose-pink, like a small edition of 'Peace', 35 petals. No reports. (Last year for reporting this rose).

WANDERING MINSTREL (DANIEL GELIN), FL (Harkness '86) (Dame of Sark x Silver Jubilee). OP (op), pink/shaded orange, 28 petals. Hollinger (4 pls 1 yr 2' ON): Orange with yellow base, 30+ petals, opens

quickly, poor substance. I love its picture but was very disappointed this year. Will reserve judgement until next year as these English roses take 2 years to get going. Slow grower, sparse foliage, blackspot. (Last year for reporting this rose).

LARGE FLOWERED CLIMBERS

ANTIKE 89 (ANTIQUE 89), LCl (Kordes int '88 NR) [Grand Hotel x Sympathie) x (Seedling x Arthur Bell)]. PB (pb), white/shaded cream/red edge. No reports.

AWAKENING, LCl (Beales '92) (Sport of New Day). LP (lp), 26-40 petals. Hopkins (1 pl 1 yr ON): No blooms in first season, growth outstanding. Has the most growth that I have ever seen in a first year plant. Spreading growth habit, no disease.

CRIMSON CASCADE, LCl (Fryer '91 NR). DR (dr). Jalbert (1 pl 2 yrs 8' BC): Very large velvety red bloom, HT quality, excellent exhibition form, excellent substance, blooms last forever on the plant without fading. Another excellent rose from Fryers, a must-have climber of medium growth habit. Upright grower, very glossy foliage, no disease.

FREISINGER MORGENROTE (MORGENROTE), LCl (Kordes int '88 NR) (Seedling x Lichtkonigin Lucia). OB (ob), orange with yellow tones. Brown (1 pl 1 yr 3' BC): Orange/yellow/apricot, great colour. HT shape, perfect centres, good substance, clusters of 6-8 blooms. Love it so far, will have to wait to see what growth habit is like. Dark green glossy foliage, no disease.

HARLEKIN, LCl (Kordes '86 NR). PB (pb), cream with pink edges. No reports. (Last year for reporting this rose).

HIGH HOPES, LCl (Harkness int '92 NR). (lp), light rose-pink, Tokyo GM '92. Brown (1 pl 1 yr 4.5' BC): Pale pink double blooms, classic HT form, good substance, in 3-4 per cluster, good fragrance. Very nice climber so far, will have to wait to see growth habit next year. Spreading growth habit, dark green glossy foliage, no disease.

RAMIRA (AGATHE CHRISTIE), LCl (Kordes int '88 NR). MP (mp). Brown (1 pl 1 yr 5' BC): HT form blooms, excellent substance, in clusters of 4-6. If disbudded, it could almost be a specimen bloom. Looks like a great climber, beautiful blooms on a healthy plant that is supposed to grow to 12-15 ft. Tall upright growth habit, dark green glossy foliage, no disease.

SALITA, LCl (Kordes int '87 NR). OB (ob). No reports.

SHRUBS

ALL THAT JAZZ, S (Twomey '91). OP (op), coral-salmon blend/bright yellow stamens, 12-13 petals, AARS '92. Arberry (1 pl 3 yrs 3' BC): Semi-double floppy bloom, decorative form, good substance. The foliage is the best thing this rose has going for it, if not for the foliage it would be replaced. Vigorous upright grower, shiny green foliage over entire bush, no disease. Beattie (1 pl 3 yrs MB): Unusual orange-pink blend, large pointed bud, loose large semi-double bloom, slightly cupped decorative form, good substance, borne in sprays. As a spray, has won 'Best' at our Autumn Rose Show and 'Best' 2 years in a row at June Show. Quite different and interesting. Upright vigorous grower, medium dark green very attractive glossy foliage, no disease, hardy without winter cover. Grindle (1 pl 1 yr 4' MB): Very rich orange red colour, very large semi-double blooms, quite good substance, long lasting indoors and out, continuous bloom, something different! Robust growth habit, large healthy foliage, very hardy. Shewchuk (2 pls 2 yrs 2.5' AB): A striking orange blend, does not fade easily, 4.5-5" bloom, 12 petals loosely arranged, cupped form, very good substance, comes singly on fairly long stems, medium damask fragrance. Would like to see it a bit taller and have better bloom repeat. Upright compact grower, large medium dark glossy foliage, no disease, comes through winter with only a little bit of protection. Thompson (1 pl 2 yrs 4.5' BC): Bright orange open airy bloom, enduring. Cupped or open form, good substance, takes late spraying to get the best from this one but it is spectacular. Bushy grower, bright green foliage. Williams (1 pl 1 yr 3.5' BC): Glowing clear luminous colour, very bright rose a little hard to mix with others, single open form with stamens showing, good but spiky form, good substance, in clusters, holds up well. Perhaps this shrub is a bit sparse in my garden but what has grown is promising. Upright growth habit, large healthy foliage.

AMBRIDGE ROSE, S (English Rose) (D. Austin int '90 NR). AB (ab), deep apricot-pink paling to outer edges. Baskerville (2 pls 2 yrs 2' BC): Medium bloom, cupped to rosette form, very fragrant, continually in bloom. A little charmer, short well- rounded growth habit makes it perfect for the front of the border, good choice for growing in a container. I'm ordering 2 more. Healthy plentiful foliage, hardiness fair with protection. Cullen (3 pls 1 yr 2' NY): Light to deep apricot with some bronze and pink. Medium size bloom, informal cupped form, good colour and production, a nice addition to the smaller Austins. Compact growth habit, no disease.

ARMADA, S (Harkness '88). MP (mp), rose pink, 17 petals. Wood (1 pl 2 yrs 4.5' BC): Beautiful clear bright pink HT type bloom, exhibition or

garden form, good substance, in clusters of 5-7. Really like the bloom but am ordering a second one to give a better garden display for a good 'knock out'. Upright grower, nice foliage, no disease.

BIBI MAIZOON (BIBI MEZOON), S (English Rose) (D. Austin int '89 NR). DP (dp), rich clear pink. Baskerville (1 pl 1 yr 2.5-3' BC): Huge round full bloom, very fragrant, repeating. Arching growth habit but very floppy, the growth couldn't support the huge blooms. Hopefully it will be stronger in its second year. Nice medium green foliage, a bit of mildew, hardiness fair with protection.

BROTHER CADFAEL, S (English Rose) (D. Austin int '90 NR). LP (lp), soft pink. Porter (1 pl 2 yrs 24" SK): Light to medium pink, 3.5" double bloom, cupped form, sometimes peony-like, excellent substance, in small clusters, blooms intermittently. This weakling from last year died back severely but grew back with surprising vigour and was more floriferous this year. Plant resembles a HT in foliage but still lacks some vigour, hoping the 3rd season will improve that. Damask fragrance is wonderful and colour very pleasing, thorns are few on stems but leaflets have some on petioles. Very cold spring resulted in some blind shoots. Upright growth habit, abundant and attractive light green foliage, no disease, hardiness OK with protection.

CAPTAIN SAMUEL HOLLAND, S (Ian S. Ogilvie, Agriculture Canada '91 int '92). MR (mr), 15-25 petals. Osborne (20 pls 5 yrs 2m NB): Deep magenta pink, small tea-like buds open to 10-15mm blooms, full well-shaped form, good substance. One of the finest of the "Explorer" series. Very healthy foliage, an excellent background for the nicely shaped blooms, looks like a good candidate for a hardy climber, wish it had better fragrance. Upright arching grower, abundant deep green foliage, hardiness is very good. Ouellette (2 pls 1 yr 1.5' QC): Camellia-like rosettes, excellent substance, glossy sheen, in clusters (small for my bush yet) about 22-23 petals. Started cuttings this spring, they received TLC and held first blooms in July on 8 inch plants which shows how anxious they are to produce blooms and not just leaves. "Explorer" roses are real bloom factories, one reason I am growing them. I can give up the tender HTs for this one! Trailing growth habit, glossy dark thick leaves, no disease, hardiness is good.

CAREFREE WONDER, S (Meilland '90 int '91). PB (pb), rich pink/creamy pink reverse, 26 petals, AARS '91. No reports.

CHARLES RENNIE MACKINTOSH, S (English Rose) (D. Austin int '88 NR). M (m), lilac-pink. Cullen (4 pls 1 yr 2' NY): Pink with some mauve, smallish cups of many petals, not much of a flower to my eye and less to the nose than advertised, disappointment thus far. Spreading growth habit.

CLAIRE ROSE (Reg by IRAR as AUSlight), S (English Rose) (D. Austin '90 int '86). MP (lp), delicate blush pink. Cullen (3 pls 2 yrs 4-5' NY): 4" bloom, many petals, attractively muddled centres, moderate fragrance but so far too few flowers for such a large bush. Vigorous growth habit, no disease. Heaslip (1 pl 2 yrs 5' BC): Large many petalled bloom, OGR form, good substance, good repeat. Bloom is very fluffy, looks like a dusting powder puff, very fragrant, charming OGR appearance. Bushy grower, medium green matt foliage, no disease. Jubien (1 pl 4 yrs 6' QC): Double bloom about 3" diameter, decorative form, fair substance, comes in clusters. I find this rose very fragile. Very tall grower, very thin foliage, no disease, hardiness is good. (Last year for reporting this rose).

EMILY LOUISE, S (Patio Rose) (Harkness int '90 NR). (my), 5 petals. Yeomans (1 pl 3 yrs 3' BC): Deep yellow star-shaped 5-petalled flowers fading to reddish orange, healthy. A delightful novelty.

ENGLISH GARDEN (Reg by IRAR as AUSbuff), S (English Rose) D. Austin '90 int '86). AB (ab), soft apricot-yellow at centre, paling towards outer edge. Cullen (3 pls 2 yrs 2' NY): Rosette form, excellent substance, a fine floribunda-type Austin rose, continuous production of beautiful medium size cream/yellow/apricot flowers, slight fragrance. (Last year for reporting this rose).

ESPRIT (HOLSTEIN '87) (CITY OF BIRMINGHAM) (PETIT MARQUIS), S (Kordes '87 int '89). DR (dr), deep red, 12 petals. No reports.

EUPHRATES, S (R. persica hybrid) (Harkness '86). PB (pb), pale salmon-red, deep pink eye, 5 petals. Raven (2 pls 1 yr 2' AB): Salmon-rose blend, unusual very definite dark rose eye with pink outside turning darker rose as it ages, single bloom 1" across, decorative form, fair substance, should only bloom once but bloomed twice this year. Low arching branches mostly that lay close to the ground, very prickly, mid green foliage, touch of powdery mildew. Hardiness good if mounded, it's from mountains of Iran so should be hardy here.

EVELYN, S (English Rose) (D. Austin '92 int '91). AB (ab), apricot and yellow blend, 41+ petals. Brown (1 pl 1 yr 3' BC): Very large quartered blooms of 4-6 per stem, decorative form, good substance, a large old fashioned bloom of a nice colour, will be better able to assess it next year. Upright grower, medium green matt foliage, no disease. Cullen (3 pls 1 yr 3' NY): Very large bloom, cupped form, many petals, OK substance. Only a few blooms the first year but they were sensational, a rich apricot pink with a super fragrance. Bushy grower, no disease.

FISHERMAN'S FRIEND, S (English Rose) (D. Austin '87). DR (dr), deep cerise-crimson/reverse lighter. Cullen (2 pls 1 yr 4' NY): Cupped rosette form, attractive garnet red bloom on one of the thorniest bushes I've ever seen. Some fragrance, decent productivity. Seems promising but for me the best Austin reds are 'Prospero' and 'The Squire'. Vigorous growth habit, no disease.

FRONTENAC, S (Explorer rose) (Ian S. Ogilvie, Agriculture Canada '92). DP (dp), 15-25 petals. Ouellette (2 pls 1 yr 1.5' QC): Deep pink with white centres, bluish pink in cool weather. Longish incurving petals open to reveal attractive stamens and white throat, loose form, not cupped, good substance, in clusters of 3-4 (young bush). You can see some characteristics of its parent 'Queen Elizabeth' but it's a small bloom and just as good, repeating continuously, even for such young plants. Has potential of excellent low hedge for those who have smaller gardens. Upright grower, dark green dull foliage, no disease, hardiness reports are good.

GERTRUDE JEKYLL, S (English Rose) (D. Austin int '86 NR). MP (mp), rich glowing deep pink. Baskerville (1 pl 3 yrs 5' BC): Very fragrant, large, old rose form, repeats, excellent cut flower - a must have for floral arts. Upright grower, mid green foliage, not too disease resistant, some mildew. Even with protection it has to be cut right back but rebounds in the spring with strong growth. Foliage sparse, best for back of the border. Cullen (3 pls 2 yrs 6' NY): Medium size bloom, rosette form, intense fragrance but too much bush for too few blooms. A big mama of a bush. Some disease, hardiness excellent. Porter (1 pl 2 yrs 45" SK): Double bloom, decorative form, excellent substance, in clusters of up to 5, 2 main flushes of bloom. Froze back fairly severely but grew back with excellent vigour. This is perhaps my favourite fragrant rose in my yard, colour is pleasing as well. If it has a fault it would be that it blooms only on terminal growth. Upright branching growth habit, dark green coarse foliage, no disease, hardiness OK with protection. Raven (1 pl 2 yrs 3' AB): Traditional rose pink colour, very tiny buds open up into surprisingly large flowers, 4" across, decorative form, good substance, heady perfume. Upright grower, nice light green foliage, no disease, hardiness OK if mounded. (Last year for reporting this rose).

GLAMIS CASTLE, S (English Rose) (D. Austin int '92 NR). W (w), pure white. Baskerville (2 pls 1 yr 3-3.5' BC): Lots of flowers, old rose form, very fragrant, nice twiggy growth, the flowers suit the bush shape. Upright bushy grower, a touch of mildew during a wet July, hardiness is fair with protection. Cullen (2 pls 1 yr 2' NY): 3-4" bloom, good clean white colour, cupped form, some fragrance. Austin regards this as his best white. It is promising but for me 'Fair Bianca' is still the best of his whites. Compact bushy growth habit, no disease. Porter (1 pl 1 yr 19" SK): White with a hint

of blush, 3-3.5" double bloom, decorative old fashioned form, good substance, in small clusters, repeats well but short lived. Received an extremely dehydrated plant with one shrivelled bud, didn't expect it to grow. After soaking the entire plant in water for 2 days I planted it in a large nursery pot and placed it on the patio, to my relief it grew and went on to bloom intermittently. Rose has attractive flowers and is heavily scented (myrrh), however the coarse unattractive dull green foliage detracted from it. Planted in garden for winter, hoping the growth is superior next year. Upright growth habit, mildew all season.

GODEWIND, S (Kordes int '92 NR). (mr). Brown (1 pl 1 yr 4' BC): Red with white eye, single in clusters of 6-8, similar to 'Dortmund', good substance. Have grown in large pot for year to see if permanent place warranted, jury is still out! Bushy upright grower, dark green glossy foliage, no disease so far.

GOLDEN CELEBRATION, S (English Rose) (D. Austin '93 int '92 RNRS). DY (dy), deep rich golden-yellow. Baskerville (2 pls 1 yr 3-4' BC): Very large cup-shaped bloom, extremely fragrant. Good healthy yellows are far and few between, I think this rose has good potential, growth is strong and bushy and blooms just keep coming. Mid green foliage, hardiness is fair with protection. Cullen (1 pl 1 yr 6' NY): Amber yellow, very large quartered flower, good fragrance. Only a few flowers its first year but lovely ones - promising. Vigorous bushy growth habit, no disease.

J.P. CONNELL, S (Explorer rose) (F. Svejda, Agriculture Canada '87, int '86). MY (my), medium light yellow at inner petals, yellow-white on upper petals, 30-70 petals. Ouellette (1 pl 1 yr 2.75' QC): High-centred bud maturing to a lemon yellow fully opened old fashioned semi-cupped shape bloom, golden stamens, colour fades to near white, quite good substance. Thornless bush on own roots, added to hedge for a good yellow. Although it did not produce any late season bloom expect good survival and better display of flowers next season. Others say it takes its time to become established then takes off. Upright growth habit, small foliage, some blackspot, winter cover not necessary. (Last year for reporting this rose).

JACQUELINE DU PRES, S (Harkness '88 int '89). W (w), creamy blush to white/golden stamens, 15 petals. Le Roeulx GM '88. Allen (1 pl 1 yr 2.5-3' BC): Medium sized, pure white single blooms with magenta stamens, decorative form, substance seems good. Great garden rose, large trusses of striking flowers on leafy canes, I love it! Only drawback lack of fragrance. Vigorous bushy grower, vivid green small leaves, no disease until I stopped my baking soda spray, then some blackspot. Yeomans (1 pl 1 yr 3' BC): Beautiful flowers showing elegant stamens. Reserve judgement on the substance of the petals, will they stand up to our damp climate?

JAYNE AUSTIN, S (English Rose) (D. Austin int '90 RNRS). YB (yb), pleasing soft yellow tending a little to apricot. Cullen (2 pls 1 yr 5-6' NY): Medium to large rosettes, gorgeous flowers with silky texture, good tea fragrance and good substance, but few of them, have hopes for this one. Vigorous growth habit, no disease.

JOHN DAVIS, S (Kordesii) (F. Svejda, Agriculture Canada '86). MP (mp), medium pink/yellow at base, 40 petals. Agriculture Canada Experimental Farm (3 pls 10 yrs 5' SK): Medium pink, fades lighter, 3.5-4" double bloom, 4-6 rows of petals, decorative form, excellent substance, in clusters, repeats very well in autumn, slight tea fragrance. Survived -39 degrees C with only about 20% dieback on branches, it's vigorous and recovers well from injury. Quite floriferous and has outbloomed all other "Explorer" roses in fall, in late season it had many dark leaf spots (not blackspot) which may have been physiological. (Clarification: samples of the leaf spots were taken to Sask. Agriculture & Food's Crop Protection Lab, but no disease was identified). Bushy to arching grower, few thorns, medium green abundant foliage. Osborne (50 pls 8 yrs 1.5m NB): Decorative, cupped form, opening flat, good substance, floriferous, good repeat. A lovely bloom and very good flowerer but plant is open and sprawling, does not like heavy and repeated pruning. Very susceptible to saw fly larvae. Medium green foliage, a bit sparse, healthy, tiny bit of mildew in summer, hardiness is excellent. Ouellette (3 pls 2 yrs 2.75' QC): Medium pink/ yellow at base, decorative form, opens flat, some quartered centres, irregular shaped petals give dishevelled appearance to floriferous clusters, good substance. Planted as lot line hedge where it has room to display blooms on long branches in contrast to more compact shrubbery types. Continuous blooming makes this rose an essential addition for the hardy shrub collector. Dark green foliage, mildews, wintered well. Porter (1 pl 1 yr 3' SK): Salmon pink fading to light pink, 3" double bloom, decorative form, excellent substance, in small clusters. My bush was slow in starting but eventually grew vigorously and bloomed reasonably well later in season. Sprawling growth habit, medium green foliage, no disease. (Last year for reporting this rose).

KATHRYN MORLEY, S (English Rose) (D. Austin int '90 NR). LP (lp), soft pink. Baskerville (2 pls 2 yrs 4.5-6' BC): Large cupped shaped bloom, continually blooming, fragrant. This rose grows much taller in my garden than in England, one of the best of Austin's recent introductions. Upright growth habit, plentiful and healthy foliage, hardiness fair with protection.

L.D. BRAITHWAITE, S (English Rose) (D. Austin int '88 RNRS). MR (mr). Baskerville (1 pl 2 yrs 3' BC): Intense crimson, full old-rose shape, wide and long lasting, continually blooming, fragrant. One of my favourites, incredible form of flower, colour, and forms a nice rounded bush, everything a rose should be! Plentiful foliage, no disease, hardiness fair with

protection. Cullen (4 pls 1 yr 2-3' NY): Loved this in Hortico fields but so far a disappointment. All four bushes have been slow starting, with sparse production and mediocre blooms, variable form. No disease. Shewchuk (1 pl 1 yr 3' AB): Dark red, does not fade easily, very double 4" bloom, medium fragrance, good repeat. Has done well this year, hope it continues to do so. Medium green matt foliage, no disease.

LICHTKONIGIN LUCIA, S (Kordes '85 int '86). MY (my), lemon yellow, 18 petals, ADR '68. No reports. (Last year for reporting this rose).

LILAC ROSE (OLD LILAC), S (English Rose) (D. Austin int '89 NR). M (m), lilac-pink. Baskerville (1 pl 2 yrs 3' BC): Lilac-pink, I like the colour of this rose, something a little different. Large rosette shape, balls a bit in wet weather, repeat blooming. Bushy growth habit, bit of mildew, hardiness fair with protection.

LOUIS JOLLIET, S (Kordesii) (Ian S. Ogilvie, Agriculture Canada '91 int '92). MP (mp), 26-40 petals. Osborne (5 pls 2 yrs .5m NB): Medium to dark pink, double bloom, 38 petals, flat muddled form, fair to good substance, clusters of 3-10, excellent repeat, moderate fragrance. A very hardy and extremely floriferous bush, flowers not outstanding in form but overall effect of bush is pleasing and colourful. Sprawling growth habit, healthy deep green foliage, no disease.

LUCETTA, S (English Rose) (D. Austin '92 int '93). AB (ab), pale peach, 6-14 petals. Baillie (1 pl 3 yrs 5' ON): Soft blush pink, semi-double form, good substance, clusters in the fall. I think this is one of the best of the Austin roses, seems to bloom all season. A great joy to me. Better second year, tall spreading growth habit, foliage almost perfect, no disease, hardiness is good.

MORDEN BLUSH, S (L.M. Collicutt-H.H. Marshall, Agriculture Canada '88). LP (lp), light pink fading to ivory, 51 petals. Agr. Canada Experimental Farm (1 pl 5 yrs 2' SK): Blush pink, lighter at edges, double bloom, decorative form, excellent substance, often in clusters of 4, fairly continuous bloom. Provided winter-killed branches are removed each spring, this cultivar is highly recommended, long blooming season is particularly notable. Low bushy grower, dull green foliage, some leaf spots late in season, hardy to snowline. Biddulph (1 pl 3 yrs 18" MB): Double blooms open wide like an 'old rose' and hold well, some fading planted in full sun, adequate substance, good repeat. Moved my specimen to get the eastern sun (very little from south), no fading this year (no sun either), and it seemed happier, more vigorous. Won a ribbon in "Prairie Hybridized" class. Low grower, more 'breaks' this year, dark green dull foliage, no disease, hardiness is excellent. Freeman (6 pls 3 yrs 2' ON): Pale pink

fading to blush, deeper in cool weather. Perfect little buds open to flat many-petalled blooms, excellent substance. If I had to choose one Canadian winter-hardy rose this would be it. Alternated this with 'Bonica' down my driveway, they bloom about 2 weeks apart so I had colour all the time. 'Bonica's' foliage is better but tends to be more sprawly and taller than 'Morden Blush'. Short grower, so-so foliage, some blackspot, hardiness excellent, no winterizing. Porter (2 pls 2 & 5 yrs 29" SK): Blush pink, deeper in centre, double bloom to 3", decorative form, excellent substance, in clusters. This is one of my favourite shrub roses, delicate colour needs to be appreciated at close range, highly recommend it for continuous bloom. Bushy grower, dark green dull foliage, slight blackspot late in season, hardy to snowline.

MORDEN FIREGLOW, S (L.M. Collicutt-H.H. Marshall, Agriculture Canada '89 int '91). OR (or), red-orange/reverse red, 28 petals. Biddulph (1 pl 1 yr 18" MB): Striking red colour is almost fluorescent, didn't fade, an instant attraction for visitors. Semi-double bloom about 3" across, open form, good substance. I grow mine in a 1 gal patio pot which I have sunk into garden for the winter, will plant out in spring. Hope to obtain another and place both at corner of lawn near road, should be a good advertisement for 'no-care, easy enjoyable roses'. This series is excellent, we're promoting shrubs here as they don't require any fussing or special treatment. So many prospective rosarians purchase HTs and lose them due to lack of care, then label all roses in the same category, i.e., 'too delicate, too much care'. We sold dozens of Morden roses last spring - not one complaint! Upright grower, dull green foliage, blackspot late in fall, I'm told hardiness is excellent. Osborne (1 pl 3 yrs 20 cm NB): A beautiful flower, cupped tea-like form eventually opening flat, good substance, clusters of 1-5, but the bush is virtually defoliated every year, a poor performer here. Very prone to blackspot, hardiness is good. Ouellette (3 pls 2 yrs 2.5' QC): Gorgeous luminescent scarlet, large petals, HT not exhibition form, excellent thick substance, in clusters of 1-5 on strong stems like grandifloras. I rooted cuttings in August, spraying nursery bed, no diseases sighted. Colour is a knockout and I intend to make a separate bed of this one cultivar. I grew up about 20 miles NW of Morden so this rose holds a special appeal. Upright grower, shiny medium green foliage, no disease, hardiness is excellent. Pickett (5 pls 3 yrs 3' MB): Unique shade of red, buds are so tight that some will not open, very double form, good substance, a beautiful rose always in bloom. Very strong grower, heavy foliage, some rust, very hardy. Porter (1 pl 1 yr 20" SK): Coral red colour seemed a bit dull, certainly not 'glowing', loose decorative form, excellent substance, in small clusters, produced intermittently, a bit stingy with bloom but hope for better performance next year. A bit slow to come into bloom, perhaps cold weather this year had some influence. Upright grower, dark green foliage, no disease. Shewchuk (1 pl 1 yr 3' AB): Orange red petals with red on

reverse, cupped form, buds ball in frequent showers and rain, clusters of 1-5 blooms, slight fragrance, good repeat. Bushy grower, medium size, medium green matt foliage, no disease.

NIGEL HAWTHORNE, S (R. persica hybrid) (Harkness '89). PB (pb), pale salmon rose/deep scarlet eye at base/reverse same, 5 petals. Raven (1 pl 1 yr 18" AB): Very attractive apricot with darker defined eye at base, 1" single bloom, decorative form, fair substance, spring blooming this year. Loose spreading grower, very prickly. Small mid green leaves, no disease, from mountains of Iran so hopefully will be hardy here if mounded.

OTHELLO (Reg by IRAR as AUSlo), S (English Rose) (D. Austin '90 int '86). MR (mr), rich dusky crimson turning to purple & mauve shades. Cullen (3 pls 2 yrs 5-8' NY): Very large (6") bloom, quartered form, many-petalled, super substance. This variety can produce some of the most beautiful crimson-purple old-fashioned roses I've ever seen but they are sparse and the fragrance is at best moderate. Probably not a rose for those with limited space, alas! Upright grower, some blackspot. McLean (1 pl 1 yr 36" high 18" wide BC): Strong old-fashioned scent, open form, crimson rosettes 3" in diameter, spike 6' grew during August and bore flowers. Mid green foliage, no disease. Raven (1 pl 3 yrs 5' AB): Very rich red, decorative form, excellent substance, 4" across, very full, very fragrant - a delight to the nose. Does not seem to ball very much even though it has lots of petals. Very vigorous upright bush, shiny green foliage, no disease, hardiness OK if mounded.

PINK POLYANNA, S (Warriner '89 int '90). MP (mp), medium pink/reverse slightly darker, 45+ petals. No reports.

PRAIRIE JOY, S (L.M. Collicutt '90). MP (mp), 30-40 petals. McLeod (1 pl 1 yr 3' MB): 3-4" blooms, decorative form, good substance. Shrubby growth habit, dark green disease-resistant foliage, winter hardy. Ouellette (2 pls 1 yr 3.5-5' QC): OGR form, good substance, in clusters of 1-3, very double blooms appear somewhat smaller than other "Parklands", blooms bunch up on rather short stems, few blooms so far. Dense growth habit, uneven height of canes, some shot up making rangy arching bush, reddish stems and edging this fall on dark green shiny foliage, no disease, hardiness is good, give it room!

QUEEN NEFERTITI, S (English Rose) (D. Austin int '88 NR). LY (ly). McGee (1 pl 2 yrs 2' ON): From its buds you'd swear this rose was going to be red, amazingly it opens into an eminently forgettable buffy nothingness, its demise is imminent. Squat growth habit.

RALPH'S CREEPER (HIGHVELDT SUN) (GLOWING CARPET in New Zealand), S (R. Moore '88 int '87). RB (rb), dark orange red/bright yellow eye/reverse bright yellow to white, 15-28 petals, ground cover. Biddulph (1 pl 1 yr 12" MB): Red-yellow combination is attractive, eye-catching. Grown in my rockery, spreads a good distance, about 3'. Sparse bloom but planted late in season, good substance. Low spreading grower, dark green foliage, no disease, hardiness good if protected. Brown (Carol) (1 pl 2 yrs 1' ON): Bright cherry red with yellow eye, few petals, large spread - 3.5'. Very different from my other plants, very low in my garden, got covered with petunias for a while. Good foliage, no disease, hardiness is good.

RED MEIDILAND (ROUGE MEILLANDECOR), S (Meilland '89). RB (rb), red/white eye, 5 petals. No reports.

REDOUTE, S (English Rose) (D. Austin int '92 NR). (lp), Sport of Mary Rose but softer shade of pink. Baskerville (1 pl 1 yr 3-4' BC): Bloom same as 'Mary Rose'. A sport of 'Mary Rose' and it has the same tendency to mildew (I don't spray). Hardiness good with protection. Cullen (2 pls 1 yr 3' NY): Like 'Mary Rose' and 'Winchester Cathedral', a great producer of flowers, a great bush, it's only serious faults being the tendency of blooms to shatter easily, and only slight fragrance. Vigorous bushy grower, mildews in fall. Pelham (NS): Elegant rich light pink colour, beautiful chiffon-like petals. Very well named, everything one associates with the Redoute paintings. Foliage and growth good despite difficult summer.

ROSENDORF SPARRIESHOOP, S (W. Kordes int '88 NR). LP (lp). No reports.

ROSENRESLI, S (Kordesii) (Kordes '87 int '86). DP (dp), 26-40 petals, ADR '84. No reports. (Last year for reporting this rose).

ST. CECELIA, S (English Rose) (D. Austin '87). MY (my), palest buff yellow/fading cream, 40 petals. Baskerville (1 pl 3 yrs 3' BC): Pale apricot fading to white, a good blending colour. Fully cupped form, very fragrant, repeating. A short bushy compact grower, maintains a nice shape, good for middle to front of the border. No disease but I have heard rust can be a problem, hardiness fair with protection. Cullen (5 pls 2 yrs 3' NY): Medium size bloom, shell to medium pink, some double to very double. Along with 'Tamora', 'Fair Bianca', 'Prospero' and 'Sharifa Asma', one of the finest of the compact floribunda-type Austins, incredible myrrh fragrance. Upright grower. Ouellette (1 pl 3 yrs 2.5' QC): Semi-double bloom, medium yellow fading to pale cream, loose cupped form, fair substance, long lasting on bush but stems weak and blooms hang down. It's now established but hasn't increased in size nor number of blooms. A very novel OGR bloom, lovely fragrant petals good dried for 'pot pourri'. Austin roses don't like my

location, just can't produce more than 4 or 5 blooms a season. Floppy bush, mid green foliage, some blackspot, fairly tender.

SCARLET MEIDILAND (SCARLET MEILLANDECOR), S (Meilland '87). MR (mr), light cherry red/reverse dark carmine pink, 15-25 petals. Shewchuk (2 pls 4 yrs 2' AB): 1.5" semi-double blooms in large clusters, good substance, long lasting, good repeat, good for low hedge. Low grower with arching canes, small dark glossy foliage, no disease, hardy with proper protection.

SHARIFA ASMA, S (English Rose) (D. Austin int '89 NR). LP (lp), most delicate blush pink. Baskerville (2 pls 2 yrs 3' BC): Soft pink, old rose style rosette, fragrant, repeat blooming. I have two bushes planted 18" apart, best grown in groups of 2 or 3. A good rose for the smaller garden, never without flowers. Short upright grower, hardiness fair with protection. Cullen (4 pls 1 yr 2' NY): Own-root plants have produced a fair number of medium to large peony-like blooms in varying shades of pink, good substance. Another excellent floribunda-type Austin with edible fragrance, does well in full sun and partial shade. Upright growth habit, no disease.

SIMON FRASER, S (Ian S. Ogilvie. Agriculture Canada '92). MP (mp), 6-14 petals. Osborne (1 pl 2 yrs .5m NB): Pleasing salmon pink colour, decorative flat form, good substance, single initially, later with 10+ petals, very delicate and pleasing open bloom, floriferous, exceptional repeat. A delightful small bush which is always in bloom, very promising. Upright bushy grower, medium green healthy foliage, hardiness is excellent. Ouellette (2 pls 1 yr 1.5' QC): Soft coral pink, lighter pink reverse and centres. First blooms are single, later flowers semi-double, loose wavy form, fair substance, in clusters of 1-4. From rooted cuttings recurrent flowering on tiny bushes. Can hardly wait to see them at maturity, 0.6m and continuously in bloom from June to September. Low upright shrub, shiny dark green foliage, round orange pips in fall, no disease, hardiness expected to be excellent.

STRETCH JOHNSON (TANGO) (ROCK 'N ROLL), S (McGredy '88). RB (rb), hand painted orange and yellow, 6-14 petals, RNRS GM '88. Decker (1 pl 3 yrs tall AK): Red blend, orange here! Nice bright colour, hand painted orange splashed yellow. Garden type decorative bloom, medium size, excellent substance, small clusters, average rebloom. Upright grower, medium green semi-glossy foliage, no disease. Wood (3 pls 2 yrs 4-4.5' BC): Painted orange centre, red edge, semi-double bloom, clusters are manageable (7-9 buds). Nice shrub, looks good alone but better in 3's, not a large spreading shrub but good repeat. Good foliage, no disease, hardiness is good. Yeomans (1 pl 3 yrs 4' BC): Flowers a vivid colour, hand-painted, good bush. Gold Medal RNRS. McGredy is not the best

namer - 'Sexy Rexy' and now 'Stretch Johnson'!

SWAN (Reg by IRAR as AUSwhite), S (English Rose) (D. Austin '87) [Charles Austin x (Seedling x Iceberg)]. W (w), white tinged buff/reverse white, 40 petals. Cullen (2 pls 2 yrs 4' NY): Rosette form, many petals, excellent substance, can produce a few great blooms but there's too much bush with too few flowers, no disease.

SWEET JULIET, S (English Rose) (D. Austin int '89 NR). AB (ab), pale apricot fading towards petal edge, Belfast FA '92. Cullen (3 pls 1 yr 4-5' NY): Very attractive apricot-yellow colour blooms but not too many of them, medium size with many petals, good substance, good fragrance. Wait and see!

THE COUNTRYMAN, S (English Rose) (D. Austin '87). MP (mp), clear rose pink, 40 petals. No reports.

THE DARK LADY, S (English Rose) (D. Austin int '91 NR). DR (dr), deep red. Baskerville (2 pls 1 yr 3' BC): Wonderfully fragrant, large old rose style, continually blooming. Had high hopes for this rose but it was plagued with disease. Best grown if you carry out a spray program for blackspot, mildew, downy mildew. Hardiness fair with protection. Cullen (5 pls 1 yr 2' NY): Large informal form, plants have taken their time getting established. Early blooms were a garish deep pink with sloppy form, later ones were a ravishingly lovely dusky light red with good velvety substance, slight fragrance. Spreading growth habit.

THE HERBALIST, S (English Rose) (D. Austin int '91 NR). DP (dp), deep pink/golden stamens, semi-double. Baskerville (2 pls 1 yr 3' BC): Glowing deep pink colour, semi-double bloom with nice stamens. As a fan of semi-doubles I found this rose exceptional, continual blooming, unfortunately not much fragrance. Shrubby grower, pale green healthy foliage, hardiness good with protection.

THE NUN, S (English Rose) (D. Austin int '98 NR). W (w), semi double. Baskerville (1 pl 3 yrs 4' BC): White, semi-double cupped form, unique shape, almost looks like a tulip, slightly fragrant. This rose is a workhorse, blooming continuously all summer, flowers borne in large clusters. Good choice for those who like an upright formal looking bush. No disease, hardiness OK with protection.

THE PRINCE, S (English Rose) (D. Austin int '90 NR). DR (dr), deep rich crimson turning to royal purple. Baskerville (2 pls 1 yr 2' BC): The colour of this rose in incredible, reminds me of garnets, true old rose form, perfect rosette, repeats well, very fragrant, wonderful cut flower. From a

garden designer's point of view, a nicely formed shrub for the front of the border. Short rounded grower, dark green foliage, nice contrast to blooms, no disease, hardiness is fair with protection. Porter (1 pl 1 yr 14" SK): Dark red to purplish-red. Is it possible to love and hate the same rose? Buds are black-red and ugly, flowers open to show old fashioned gallica-like blooms of wonderful colour, but in a couple of days petals shrivel and burn, even in the humid summer we had. Perhaps it needs some shade? I love the rich fragrance but was frustrated because there weren't many blooms to sniff. After the first flush the plant produced no new growth. Cupped or decorative form, poor substance, 2.5" bloom, borne singly. Compact bushy grower, abundant medium green glossy attractive foliage, no disease.

TIMES SQUARE, S (Texas Co-operative '90 NR). (rb), vivid red/white eye. No reports.

WESTFALENPARK, S (Kordes '87 int '86). AB (ab), 26-40 petals. No reports. (Last year for reporting this rose).

WHITE MARY ROSE, S (English Rose) (D. Austin int '88 NR). W (w). No reports.

WHITE MEIDILAND (BLANC MEILLANDECOR)(ALBA MEIDILAND), S (Meilland '86 int '87). W (w), 35-50 petals. No reports.

WILD FLOWER (WILDFLOWER), S (D. Austin int '86 NR). MY (my). McGee (1 pl 2 yrs 3' ON): Pale yellow colour, big blowsy single blossoms as informal as all get out, repeats well. This is a happy-go-lucky flower, prefers a little afternoon shade. Stands up but a relaxed growth habit, dark green foliage, disease free so far, hardiness is good with protection. (Last year for reporting this rose).

WILLIAM SHAKESPEARE, S (English Rose) (D. Austin '88 int '87). DR (dr), deep crimson-purple. Decker (1 pl 1 yr tall AK): Dark red fading to purple, medium small bloom, decorative rosette form, fair substance, in small clusters, moderate bloom cycle, heavy fragrance, petals fall quickly. Somewhat weak plant, probably not a good cut flower or one for drying. Upright growth habit, medium green semi-glossy foliage, some mildew. Hopkins (1 pl 5 yrs 5.5' ON): Garden form, rosette shaped bloom, good substance, dozens of clusters. One of the best Austin roses, in bloom most of the season. Bushy growth habit, dark green foliage, some blackspot, hardy. McGee (1 pl 5 yrs 7' ON): Deep crimson aging to purple, wonderful rich quartered bloom, antique OGR form. For three years now I have asked, "To be or not to be", as much as I grieve to lose this lovely rose, I will have to bid it farewell. Very tall grower, but alas, it has become a distribution centre for blackspot.

WINCHESTER CATHEDRAL (WINCHESTER), S (English Rose) (D. Austin int '88 NR). W (w), white/hint of buff at heart, sport of 'Mary Rose'. Freeman (1 pl 2 yrs 3' ON): Small white Old Garden Rose blooms, fair substance, quick repeat and fragrant. Open growth habit, a sport of 'Mary Rose', as many blooms but a lot smaller and the stems and necks are weaker. Not covering this winter, hope it makes it because it has good possibilities.

WINNIPEG PARKS, S (L.M. Collicutt, Agriculture Canada '92 int '90). DP (dp), dark pink-red, dark pink reverse, 22 petals. Freeman (1 pl 1 yr 1' ON): Medium red, loose informal bloom, fair substance. Flowers a nice bright colour and lots of them but they don't last too long. This was a tiny rooted plant from Morden, grew slowly but well 1st year. Will evaluate better next year. No disease, hardiness excellent. McLeod (1 pl 1 yr 4' MB): Bright red colour, 3-4" semi-double bloom, in clusters, good substance. Bushy growth habit, dark green foliage, disease-resistant, hardy. Ouellette (3 pls 2 yrs 2.75' QC): Deep rose-red, what a marvellous colour, so rich and matures like 'Electron'. Decorative form, very good substance, large blooms, in clusters of 1-4, blooms held upright on good stems. Took cuttings last summer, another good bedding rose for smaller gardens. Holds well as cut flower, and quantity of blooms, even for first year, is quite incredible. Dense growth habit, dark green foliage, red tinged in fall, no disease, hardiness is good. Pickett (2 pls 1 yr 24-30" MB): Brilliant red flowers are beautiful, large semi-double bloom, good form and substance. This plant is not very big this year but is well developed, hope for better next year. Medium growth habit, dark green foliage, no disease, hardy.

MINIATURES

ADAM'S SMILE, Min (Saville '87 int '91). DP (dp), deep pink blend/lighter reverse, 23-27 petals. Decker (1 pl 2 yrs short AK): Deep pink/yellow at petal base, nice colour, medium size bloom, high-centred exhibition form, good substance, singles and small clusters, average number of flowers and rebloom, not rain resistant. Bushy grower, medium green semi-glossy foliage, slight mildew. Magee (1 pl 3 yrs 15" ON): Pink with lighter reverse, fair HT bud, not many petals, opens fast, fleeting bloom, to date not very good. Bushy grower, a little blackspot, not very hardy.

ALEXANDER MILNE, Min (Laver '87 CAN). LP (lp), light to blush pink/reverse cream, 35 petals. No reports.

ALWAYS A LADY, Min (Bennett '88 int '87). M (m), pale mauve to lavender, 25-30 petals. No reports.

AMERICAN ROSE CENTENNIAL (ARS CENTENNIAL), Min (Saville '91 int '92). PB (pb), creamy white edged soft delicate pink, 50-55 petals. Decker (1 pl 2 yrs short AK): Pink blend with cream, similar to 'Child's Play' with more petals. Large high- centred exhibition form bloom, good substance, singles and small clusters, average floriferousness and rebloom, rainspots. Bushy grower, dark semi-glossy foliage, slight mildew. Magee (1pl 2 yrs 15" ON): Very double bloom, lovely exhibition bud and fine full bloom, good substance, one of the best new varieties in my garden. Bushy grower, no disease, seems hardy.

APRICOT CHARM, Min (Williams '86). AB (ab), apricot/reverse slightly deeper/blending to yellow at base, 42 petals. No reports. (Last year for reporting this rose).

APRICOT DOLL, Min (Laver '90 int '91 CAN). AB (ab), apricot orange/reverse lighter/yellow centre and stamens, 30-35 petals. Stanton (1 pl 2 yrs 6" ON): Pretty little bloom and good colour, decorative form, good substance. I like it but it's not very hardy (lost my first one) and not really vigorous. Neat foliage, seems disease-resistant.

APRICOT MIST, Min (Saville '87). AB (ab), deep apricot/tones of pink and yellow, 40-45 petals. Heaslip (1 pl 1 yr 12" BC): Colour ranges from pale yellow to apricot with pale pink edge, decorative form, like a pom-pom, good substance. Compact grower, dark green glossy foliage, no disease.

BABY DIANA, Min (Saville '86). OR (or), orange-red/yellow reverse, 20 petals. Dickey (1 pl 3 yrs 10" ON): Bright eye-catching orange with yellow reverse, few petals, almost a single, decorative form, good substance. A small plant, low and compact, good foliage, no disease. (Last year for reporting this rose).

BLESSED EVENT, Min (Laver int '90 CAN). PB (pb), white petals edged and suffused pink. Mychaluk (1 pl 1 yr 12-15" AB): Lovely buds and flowers, exhibition if cut tight, buds are exquisite, open flat with curly edges, excellent substance. One to a stem, lots bloom and always in bloom, won't knock you over but I kind of like it. Vigorous grower, OK foliage, no disease.

BLUSHING BLUE, Min (B. Rennie '88 int '89 CAN). M (m), lavender with magenta edge/yellow-tan at base, 30-35 petals. No reports.

BONHOMME, Min (Laver '86 CAN) (Pure white sport of Blueblood). W (w). Graber (1 pl 3 yrs 15" ON): A good garden white, good form, very good substance, lots of bloom, good repeat. Compact grower, dark green

foliage, no disease, hardy. Porter (1 pl 7 yrs 11" SK): Double bloom, exhibition form, excellent substance, borne singly but only rarely. In my yard this rose is practically worthless as the vigour is very poor and flowering is rare. 'Snow Bride' (so far) is superior. Dark green foliage, blackspot in September, dies to ground even with protection. (Last year for reporting this rose).

BRITESTRIPE (BRITESTRIPES), Min (John Clements, Heirloom Roses '91 int '90). RB (rb), soft pink striped bright red, 26-40 petals. No reports.

BY DESIGN, Min. (Laver '92 CAN) [Breezy x Julie Ann) x June Laver x Painted Doll)]. OB (ob), rich orange, 26-40 petals. Magee (1 pl 2 yrs 10" ON): Double bloom, HT buds and bloom, fairly good production. I don't really like this small plant since it doesn't fit in with the others. Short very bushy grower, foliage a little large, no disease.

CAL POLY, Min (Moore '91). MY (my), bright yellow, 20-25 petals, AOE '92. No reports.

CANDY SUNBLAZE (ROMANTIQUE MEILLANDINA), Min (patio) (Meilland '91 int '92). DP (dp), Sport of Lady Sunblaze. Brisbane (2 pls 1 yr 12" BC): Attractive deep pink, very double medium size bloom, borne in singles and clusters, quite floriferous, always some in bloom, light fragrance. I'm collecting patio-type roses (when I can find them), and this is certainly a good one. I grow two of them at the base of the miniature climber 'Jeanne Lajoie', they really complement each other. Compact bushy growth habit, excellent dark green shiny foliage, no disease, I spray once a week. Porter (1 pl 1 yr 12" SK): Hot pink, bought this at a greenhouse as an 'impulse' item because of the attractive colour. Was pleased with the fairly continuous bloom even though it was not profuse. Very double 1.75" bloom, exhibition form, opens flat, excellent substance, in sprays, long lasting. Bushy compact grower, dark green foliage, blackspot in September.

CHASIN' RAINBOWS (CHASING RAINBOWS), Min (Saville '88 int '90). RB (rb), very brilliant yellow/edged red/becoming more scarlet, 21 petals. Decker (2 pls 2 yrs short AK): Nice rose for colour, always in bloom, red blend, mostly yellow fading to white with pink shadings. Small bloom, high-centred exhibition form, excellent substance, singly and large clusters, little fragrance. Bushy grower, dark semi-glossy foliage, drawback is mildew.

CHEER UP, Min (Bennett '86). OR (ob), deep orange, 28 petals. Yeomans (1 pl 2 yrs 3' BC): Reddish orange double flowers, cheerful, grows well. (Last year for reporting this rose).

CHILD'S PLAY, Min (Saville '91). W (w), pink/white bicolour, 20+ petals, AOE '93. Decker (1 pl 1 yr short AK): Pretty rose, white with pink edges, similar to 'American Rose Centennial'. High centred exhibition form, excellent substance, small clusters, average floriferousness and rebloom. 'Magic Carrousel' is still my favourite white/with pink or red, for floriferousness and long lasting colour. Upright grower, dark matt foliage, no disease. Heaslip (2 pls 1 yr 15" BC): White edged dark pink, high-centred exhibition form, very good substance, holds well as cut flower. Upright growth habit, dark green matt foliage, no disease. Hopkins (2 pls 1 yr 1.5' ON): I wonder whether or not I received correctly labelled plants as light pink was more prominent, exhibition form, good substance. Bushy grower, disease-resistant. Mychaluk (1 pl 1 yr 18-22" AB): Although not new in concept (white edged pink) it's a nice rose, but nothing sticks out to make you take notice. Blooms are good, maybe too large, OK form and substance. Strong plant, OK foliage, no disease.

CIDER CUP, Min (patio) (Dickson '87 int '88). OB (ob), deep apricot, 15-25 petals. No reports.

COPPER SUNSET, Min (Saville '88 int '92). OB (ob), coppery-orange flushed orange-red/reverse medium red, 21 petals. Hopkins (1 pl 1 yr 18" ON): Double bloom, this plant did nothing this year.

CREME GLACEE, Min (Laver '88 int '90). LY (ly), 23 petals. Brown (Carol) (1 pl 4 yrs 20" ON): Pale yellow, perfect tiny rose buds, lots of repeat bloom. Compact growth habit, good foliage, lost its leaves to blackspot but they came back in October, hardiness is good.

DANDENONG (SCARLET SHADOW), Min (mini flora, patio) (McGredy int '87 NR). OR (mr). Hopkins (1 pl 7 yrs 2' ON): Double bloom, exhibition form, excellent substance, patio rose grown in container, in bloom most of season. Upright grower, dark green foliage, no disease, hardy.

DEBIDUE, Min (M.C. Williams '91 int '92). (dp), magenta, 26-40 petals, AOE '92. No reports.

DEBUT (SWEET SYMPHONY), Min (Mouchotte '88). RB (rb), luminous scarlet/blending to cream to yellow at base, 15-18 petals, AARS '89. Brisbane (1 pl 2 yrs 12" BC): Scarlet/deep pink/cream/white blend bloom with picotee edges, never fails to attract attention. Blooms always perfect, exhibition form, excellent substance, mostly singles, always in bloom from spring to fall, large enough to use as a patio rose, holds forever. Well rounded bushy growth habit, dark green shiny foliage, no disease with good spray program. Brown (Carol) (1 pl 5 yrs 31" ON): Deep red edge softens to creamy white, multi-petalled picotee bloom, floriferous. What a plant,

I love this one, keeps on blooming constantly, fresh blooms, easy care. Bushy spreading grower, rich foliage, no disease, hardiness is great. Dickey (1 pl 3 yrs 12" ON): Semi-double bloom, decorative form, very good substance, one of my prettiest miniatures. Small bush which does not expand over the season or the years, good foliage, no disease, hardiness is fair. Graber (6 pls 4 yrs 9" ON): Semi-double bloom, very good substance, profuse bloomer, very showy, great in a pot. White with bright red edges, thank heavens the ARS haven't decided to class this one as a white, as they have 'Koricole', 'Princesse de Monaco' etc. Spreading growth habit, shiny dark green foliage, no disease, hardy. Hopkins (1 pl 5 yrs 15" ON): Tiny blooms, exhibition form, good substance. Low growing compact bush, nice dark green foliage, disease-resistant, hardy. Yeomans (1 pl 2 yrs 1' BC): One of the nicest miniatures, pretty white and red flowers, bushy plant, AARS.

DEE BENNETT, Min (Saville '88 int '89). OB (ob), yellow and orange/becoming orange-yellow, 25 petals, AOE '89. Arberry (1 pl 2 yrs 1.5' BC): Semi-double bloom, exhibition form, good substance, still one of the best minis. Spreading growth habit, dark green foliage with touches of red, no disease. Brisbane (4 pls 1 yr 14" BC): Lovely soft deep apricot, good form and substance, quite floriferous, but that's it. For me it's a too tall, sprawling, untidy miniature, always some mildew in spite of weekly spraying. Maybe it was because I was growing them in a large planter, have moved them to open ground, hope they will shape up. Heaslip (2 pls 2 yrs 20" BC): Bright apricot, exhibition form, very good substance, good cut flower. Bushy compact grower, dark green glossy foliage, no disease. Hopkins (1 pl 3 yrs 18" ON): Small double blooms, some outstanding, exhibition form, excellent substance. Upright grower, medium green foliage, no disease, hardy. Stanton (1 pl 1 yr 18-20" ON): Very pretty if not striking, exhibition form, good substance. My first summer and I'm impressed, hope it winters well. Tall spreading grower, good neat foliage, disease-resistant. Yeomans (1 pl 2 yrs 18" BC): A delightful miniature, one of the best.

ELLAMAE, Min (Saville '86). AB (ab), rich apricot, 35 petals. Heaslip (2 pls 2 yrs 14" BC): High-centred exhibition form, good substance. Bushy growth habit, dark green glossy foliage, no disease. (Last year for reporting this rose).

ENJOY (Reg by IRAR as LAVjoy, Min (Laver '89 int '90 CAN). PB (pb), blush pink/edged deeper pink/white reverse, 22 petals. Brown (Carol)(1 pl 4 yrs 14" ON): Buds still growing October 27th, classic form, floriferous, pretty pink, a happy flower. I really like this one in my garden. Good grower, clean foliage, hardiness is good. Heaslip (2 pls 2 yrs 12" BC): Colour is palest pink edged red, reverse white. Exhibition form, good substance. Compact grower, medium green glossy foliage, no disease.

Porter (1 pl 3 yrs 15" SK): Double bloom, exhibition form but not heavily petalled, excellent substance, in sprays, sporadic bloomer. I like this one for the appealing colour combination but I'd like a little more vigour and heavier bloom. Bushy compact grower, medium green foliage, no disease, needs good winter protection. Stanton (1 pl 3 yrs 12" ON): Striking bloom, very pretty colour, exhibition form, good substance, floriferous. I really like this one. Neat compact growth habit, neat small foliage, blackspot but recovered well from it, hardiness is good.

FIGURINE, Min (Benardella '91 int '92). W (w), ivory-white/tinged light pink, 15 to 25 petals, AOE '92. Archibald (1 pl 2 yrs 12" SK): Large double bloom, exhibition form, excellent substance, in singles and clusters, repeat blooming, a fairly good pink miniature so far. Stem strength is good, sparse foliage, a little blackspot, hardiness is good. Decker (1 pl 2 yrs med AK): Classed as white but mostly pink here, a pretty rose with delicate colouring, high-centred exhibition form, good substance, in singles and medium clusters, lots of flowers, average rebloom cycle, some fragrance. Bushy grower, dark matt foliage, slight mildew but reasonably healthy when sprayed. Magee (1 pl 2 yrs 24" ON): On the large side with a long bud, HT form bloom but not exhibition, not very full petalled. Has a lot of charm and is long stemmed and can be picked. Upright grower, foliage in proportion, no disease, seems hardy. Porter (1 pl 2 yrs 4" SK): This incredibly weak plant surprised me by surviving last winter with some protection. Unfortunately I snapped off the only shoot when weeding around an adjacent plant and that was the end of it. I'm tempted to try it again to see if I can get a more vigorous plant.

FRAGRANT MORNING, Min (Rennie '90 int '91 CAN). MY (my), 26-40 petals. Brisbane (1 pl 1 yr 12" BC): A lovely bright shining yellow, rather mossy buds, small full bloom, exhibition form, excellent substance, holds very well, delightful heavy fragrance - a very fragrant yellow mini is hard to find. Not enough bloom first year but it looks promising. Neat compact growth habit, light green matt foliage, no disease. McGee (1 pl 1 yr 18" ON): A definite yellow with good staying power, pointed buds exhibit mossy growth, perhaps a little larger than your average miniature bloom, decorative form, good substance. My garden is moulded by all the knees that have knelt to drink the heavenly old-rose fragrance this rose exudes. No one has ever regretted the exertion. Vigorous grower, light green foliage, disease-free.

FROTHY, Min (McGredy int '92 NR). W (w). Meagher (1 pl 1 yr 1' BC): White, sometimes with a tinge of pink. Blooms are an unusual shape, when in full bloom the bush really looks frothy! 1-1.5" double bloom, lots of round buds opening flat, good substance, lots of tiny petals, clusters of 9+, continuous bloom, hasn't stopped all summer. Very resistant to wet

weather for all its delicate appearance. Bushy vigorous grower, dark green foliage, exceptionally disease-resistant.

GENTLE TOUCH, Min (patio). (Dickson '86). LP (lp), soft pale pink, 15-25 petals, ROTY '86. No reports. (Last year for reporting this rose).

GIGGLES (Reg by IRAR as KINgig), Min (Gene King '87). MP (mp), light pink/reverse light to dark pink, 18 petals. Magee (2 pls 1 yr 24" ON): Nice HT bud, medium sized exhibition form bloom but not too many petals, good substance. Highly rated exhibition miniature but opens quite fast. Very vigorous grower, foliage in proportion to size of bloom, slight mildew.

GOLD STRIKE, Min (Heirloom Roses '90 NR). RB (rb), red/yellow stripes. No reports.

GOLDEN HALO, Min (Saville '91). MY (my), brilliant canary yellow, 24-26 petals, AOE '91. Grindle (1 pl 1 yr 24" MB): Very bright yellow, very nice buds, good form blooms, fairly good substance. For first year it's very good, repeating blooms throughout summer. Upright grower, healthy foliage. Magee (1 pl 3 yrs 18" ON): Deep yellow semi-double bloom, floribunda-like garden variety, better this year, nice when it has enough bloom. Upright bushy grower, some blackspot, hardy.

GOOD MORNING AMERICA, Min (Saville '91). MY (my), bright sunshine yellow, 55-60 petals, AOE '91. Magee (3 pls 2 yrs 16" ON): Deep yellow double bloom, ages in the fall with a pink border, good HT buds, OK substance. A good yellow miniature, not as strong or as many blooms as 'Rise 'n' Shine'. Bushy grower, disease-free, hardy. Porter (1 pl 3 yrs 18" SK): Medium yellow, 2" double bloom, exhibition form, excellent substance, in sprays, fairly continuous and long lasting. Next to 'Rise 'n' Shine', this is my best double yellow. Petals turn red as they age, a feature I don't like. Plant has excellent vigour and is nearly always in bloom. Vigorous upright grower, glossy dark green foliage, no disease, hardiness OK with protection.

GOURMET POPCORN, Min (Desamero '86) (Sport of Popcorn). W (w), pure white/yellow stamens, 12-20 petals. Graber (3 pls 3 yrs 18" ON): Great sprays of semi-double white blooms with lovely yellow stamens, very good substance. Big plant, sends up rogue canes, needs severe pruning or plant in back and enjoy. Small shiny foliage, no disease, hardy. (Last year for reporting this rose).

HAP RENSHAW, Min (Rennie '91 CAN). AB (ab), apricot. Hopkins (1 pl 2 yrs 15" ON): Double bloom, 2nd row in a row, and nothing worth reporting. McGee (1 pl 1 yr 30" ON): Ivory/apricot bloom, exhibition form, excellent substance, opens into irresistible sprays of cylindrical shaped

miniature roses. This rose is taller than most miniatures, consider it a big sweetheart with its extraordinary height. Vigorous grower, light green foliage, almost disease-free.

HEAVENLY DAYS, Min (Saville '88). OP (op), glowing indian-orange/reverse lemon yellow/flushed fire red, 28-32 petals, AOE '88. No reports.

ICE QUEEN, Min (Saville '91) (Sport of Cupcake). W (w), white with pink tints, 60 petals. Decker (1 pl 2 yrs short AK): Has green centre when open, occasionally a pink bloom (a sport of Cupcake). High-centred exhibition form, good substance, singles and small clusters, floriferous, quick rebloom. Bushy grower, dark semi-glossy foliage, slight mildew.

IMPULSE, Min (Jolly '86). OP (op), salmon pink/reverse light yellow, 38 petals. No reports. (Last year for reporting this rose).

JIM DANDY, Min (Benardella '88 int '89). RB (rb), medium red/reverse yellow flushed red, AOE '89. No reports.

JUNE LAVER, Min (Laver '87 int '88). DY (dy), deep gold, 20-25 petals, CRS 75th Anniversary Rose. Arberry (1 pl 2 yrs 1-1.5' BC): Excellent shaped buds opening into HT shape exhibition blooms, excellent substance. As 'Dee Bennett' is one of the best apricot blends, 'June Laver' is definitely one of the best yellows. Low bushy grower, healthy foliage. Biddulph (1 pl 4 yrs 8" MB): High-centred exhibition form, a mini HT bloom, excellent substance. A frequent winner in flower shows, I like it. Compact grower, medium green foliage, no disease, hardiness good with protection. Brown (Carol) (2 pls 5 yrs 1' ON): Deep yellow buds, saffron yellow blooms, HT form, fragrant. Disappointed, few blooms and weak plant this year, maybe it doesn't like heat. Upright grower, sparse foliage, blackspot, hardiness is good. Decker (1 pl 1 yr short AK): Dark yellow aging cream, large blooms, high-centred exhibition form, excellent substance, in singles or small clusters, average number of blooms and cycle. My favourite of the yellow minis, always good form, a carefree rose but no fragrance. Too bad we don't have this rose in a HT, would be a winner. Compact grower, dark matt foliage, no disease. Hopkins (1 pl 5 yrs 8" ON): Exhibition form, excellent substance, beautiful blooms, love the colour, however, I lost 4 plants during last 3 winters. Bushy short grower, dark green foliage, disease-resistant. Porter (1 pl 6 yrs 9" SK): Generally creamy yellow, exhibition form, excellent substance, in small clusters, short stemmed, intermittent bloomer. Flowers are very shapely and long lasting but I find the lack of vigour results in limited bloom. It is a favourite of leaf-cutter bees. Dark green foliage, blackspot in September, hardiness OK with protection. Smallenberg (1 pl 1 yr 12" BC): Rich golden yellow, unfading colour, exhibition form

(though large), excellent substance, 2.5" bloom, short stems. First flush covered bush with 50+ blooms, all exhibition quality, but slow repeat, necessary to sheer off to encourage subsequent growth. Compact grower, long medium green foliage, very healthy, rain tolerant. To keep. Stanton (2 pls 5 yrs 9-12" ON): Lovely colour, one of the most striking minis. Good exhibition form, good substance, floriferous. Somewhat spreading growth habit, small foliage, some blackspot, hardiness is good.

KRISTIN (KRISTEN) (PIROUETTE), Min (Benardella '92). RB (rb), white/red bicolour, 27-30 petals, AOE '93. Decker (2 pls 1 yr short AK): Medium size bloom, high-centred exhibition form, excellent substance, singles or small clusters, average rebloom, less floriferous, no fragrance. This rose always has good form, never opens fully and keeps form till petals drop, I like it. Upright grower, dark semi-glossy foliage, no disease.

LADY SUNBLAZE (PEACE MEILLANDINA), Min (Patio) (Meilland '86 int '87). LP (lp), Pale orient pink to light coral pink, 40+ petals. Brisbane (1 pl 1 yr 12" BC): Another miniature that looks and behaves like a patio rose. Varying shades of pale pink, from a deeper pink in the centre to lighter at petal edge, set off by deep green shiny foliage, a ladylike bloom. Exhibition form, very good substance, in singles and sprays, long lasting. Not very floriferous in its first year, but always a couple of blooms. Nice rounded shape bush but not as vigorous as I would like. No disease if sprayed. Porter (1 pl 1 yr 13" SK): Light pink, deeper centre, blush or white outer petals, I find the colour combination of light to dark pink very attractive. Double bloom, exhibition form, excellent substance, in sprays, fairly continuous. Small shiny dark green foliage, no disease.

LAVENDER CRYSTAL (BLUE CRYSTAL), Min (NR). (m). McGee (1 pl 1 yr 24" ON): A silvery lavender, the remarkable 2" diameter blooms are very double, unusual decorative form, cookie shaped, good substance, generally sparse. If you were to enter this rose in a miniature competition, you would have to take a notarized certificate that it came from a miniature rosebush. Canes shoot out at 45 degree angle, foliage dark with hints of maroon, will blackspot.

LAVENDER JADE, Min (Benardella '87). M (m), lavender/cream reverse, 32-35 petals. Hopkins (1 pl 3 yrs 18" ON): Double bloom, exhibition form, good substance, but just an average plant, too few blooms. Upright grower, dark green foliage, no disease, hardiness good. Porter (1 pl 6 yrs 12" SK): Mauve pink, white reverse, double bloom, exhibition form, fair substance, in small clusters. This is a useless cultivar in my yard as it seems to lack vigour and rarely blooms. It is very prone to powdery mildew as well, I plan to discard it. Upright grower, hardiness OK with protection.

LEMON SWIRL, Min (Rennie '92 CAN). LY (ly). McGee (1 pl 1 yr 20" ON): A pale yellow which is near white in strong sun. Plenty of double blossoms, usually in clusters, good repeat. Rather flat form when fully open. Strong grower, blackspot.

LIVING BOUQUET (YELLOW FESTIVAL), Min (Laver '91). MY (ly), light canary yellow, 40-50 petals. Porter (1 pl 3 yrs 6' SK): Double bloom, exhibition form, excellent substance, in sprays. The weak growth in spring held back bloom but it improved by fall, should be a good one for containers. Compact grower, a bit weak, abundant small medium green foliage, no disease, needs good winter protection.

LUIS DESAMERO, Min (Bennett '89). LY (ly), soft pastel yellow, 28 petals. Decker (1 pl 2 yrs short AK): A clear yellow, no shadings, medium, high-centred exhibition, good substance, singles and small clusters, stingy bloomer and slow to rebloom, little fragrance. Bushy grower, medium semi-glossy foliage, slight mildew. Graber (1 pl 1 yr 12"+ ON): Pale yellow bloom looks lovely so far, exhibition form, great substance. Upright growth habit, dark green foliage. Heaslip (1 pl 2 yrs 15" BC): Very pale yellow bloom, almost white. Exhibition form, good substance but not very floriferous. Slender growth habit, medium green foliage, no disease. Magee (1 pl 2 yrs 18" ON): Well formed HT buds, medium size open bloom, opens quite flat, not too many petals for a variety that is considered exhibition. Upright spreading grower, no disease, a little tender. Yeomans (2 pls 1 yr 1.5' BC): Elegant exhibition type HT flowers, nice bush.

MAURINE NEUBERGER, Min (Spooner '89). MR (mr), crimson, 30 petals. Archibald (2 pls 2 yrs 15" SK): Velvety red bloom, one of the best red miniatures to come along. Large double bloom, good bud shape, exhibition form bloom, excellent substance. Tall bush, quite large heavy foliage, some blackspot, hardiness is good. Graber (3 pls 3 yrs 10-12" ON): Good red holds colour, exhibition form, very good substance, mostly singles on long stems, good repeat. Compact grower, medium green foliage, no disease, hardy. Grindle (1 pl 1 yr 18" MB): Quite large red blooms, good form, very good substance. For the 1st year it gave out fair amount of bloom but quite good, long lasting. Fairly good growth habit, no disease. Haines (2 pls 1 yr 14" BC): Excellent colour and form, well mannered, tight high-pointed buds, very good substance. Seems to come in good number, rest, then repeat. Bushy grower with small canes, seems vigorous but I believe it needs frequent pruning to shape it. Average foliage, mildew prone. Heaslip (1 pl 1 yr 16" BC): High-centred exhibition form, good substance. Upright grower, medium green matt foliage, no disease. Magee (1 pl 3 yrs 16" ON): Nice HT buds and medium sized open bloom, a satisfactory variety but not quite one of the best. Upright bushy grower, a little mildew, seems hardy. Smallenberg (1 pl 2 yrs 14" BC): Deep velvety

red, a lovely colour. 2" bloom, exhibition form, excellent substance, singles, very long lasting. Disappointing number of blooms but the few are perfect, must be in full sun all day. Will pamper in '94 to encourage blooms. Upright slight growth habit, medium green foliage, mildews.

NEW BEGINNING, Min (Saville '88 int '89). OB (ob), orange-yellow bicolour, 40-50 petals, AARS '89. Arberry (1 pl 2 yrs 2' BC): Double bloom, some exhibition but mostly decorative, excellent substance, still one of the best AARS minis. Bushy and vigorous grower, abundant foliage, no disease. Brown (Carol) (2 pls 5 yrs 2' ON): Love the hot orange blend colour, what a plant, I love it. Keeps on blooming, a happy plant. No disease, hardiness very good. Hopkins (2 pls 5 yrs 2.5' ON): Double bloom, exhibition form, excellent substance. A tall growing 'patio' type plant, in bloom all season. Spreading grower, dark green foliage, some blackspot, hardy.

NICKELODEON, Min (patio) (McGredy '89 int '91). RB (rb), hand-painted bright red/pure white eye, 6-14 petals. No reports.

NIGHTHAWK, Min (Hardgrove '88 int '89). MR (mr), 22 petals, AOE '89. No reports.

NOSTALGIA, Min (Saville '89 int '90). MP (mp), medium pink/reverse lighter, 38 petals. Brown (Carol) (1 pl 4 yrs 11" ON): Pink multi-petalled bloom, quartered centres, weak substance. Spreading growth habit, hot hot summer weakened growth, good foliage, blackspot, hardiness is good.

OLD GLORY, Min (mini-flora) (Benardella '88). MR (mr), bright red/yellow base, 23 petals, AOE '88. Decker (1 pl 2 yrs short AK): Pleasing colour, medium red with some yellow on reverse, large bloom, high-centred exhibition form, good substance, could have more blooms, average rebloom cycle. Upright grower, medium, semi-glossy foliage, no disease. Freeman (1 pl 4 yrs 10" ON): HT type bloom, large for size of plant but that's OK, it's good and showy. Excellent substance, excellent repeat, no trouble and it always looks good. Compact grower, hardiness is good. Hopkins (1 pl 5 yrs 24" ON): Exhibition form but blows fast, good substance, grown in large containers, improves each year. Compact grower, dark green foliage, disease-resistant, hardy. Porter (1 pl 6 yrs 12" SK): Exhibition form but not too many petals, excellent substance, borne singly, opens quickly. This is not one of my favourites, could use more vigour and is stingy with blooms. Upright grower, dark green relatively large foliage, no disease. Hardiness OK with protection.

ORANGE JEWEL (ORANGE JUWEL), Min (Kordes '87 NR). OB (or). No reports.

ORANGE LOVE, Min (Williams '86). OB (ob), glowing orange/reverse deeper orange to dark red, 45 petals. No reports. (Last year for reporting this rose).

PARTY POPCORN, Min (Laver '93 CAN), W (w), 26-40 petals. Chambers (1 pl 1 yr 12" NS): Trusses of tiny white blooms enhanced with yellow stamens, it's well named and is very pretty and dainty. Semi-double blooms, strong substance, repeats well. With its floriferous blooming it is an asset to the mini bed, or grows equally well in containers in my daughter's garden in Toronto. Bushy vigorous growth habit, medium green foliage, no disease.

PIERRINE, Min (M.C. Williams '88). OP (op), salmon orange/reverse slightly lighter, 40 petals. Decker (1 pl 1 yr short AK): Nice clear salmon colour, high-centred exhibition form bloom, large for a mini and blooms too heavy for stems, good substance, average floriferousness and rebloom. Upright grower, medium, semi-glossy foliage, no disease. Heaslip (1 pl 2 yrs 10" BC): Dark salmon/pink, 1" high-centred exhibition bloom, very good substance, slight fragrance. Slender growth habit, light green foliage, no disease. Magee (2 pls 2 yrs 18" ON): Fine exhibition bud, quite double bloom, outstanding form, good substance, one of the very best exhibition miniatures. Not very free blooming. Vigorous semi-spreading plant, seems hardy. Porter (1 pl 1 yr 15" SK): Double 1.5-2" bloom, 9 rows of petals, excellent flower form and substance, good repeat bloom, long lasting. This one took time to get established but bloomed well in fall. Upright rangy grower, dark green foliage, some mildew in spring, blackspot in fall.

PINK BOUQUET (PINK FESTIVAL), Min (Laver '90 int '91 CAN). LP (lp), blush pink with deep pink eye, 50-60 petals. Chambers (1 pl 1 yr 8" NS): Shades of pink opening to a white centre, very sweet small dainty blooms which grow on single stems, double cup shape form, strong substance, holds well in good or adverse weather. 'Pink Bouquet' is one of the sweetest minis, am hoping it will winter well with care here in Nova Scotia, which means covering with soil. Compact low growing habit, medium green foliage, good disease-resistance so far, hardiness is good. Porter (1 pl 2 yrs 9" SK): Light pink to blush pink, 1.5" double bloom, in sprays, 5 rows of petals, decorative form, excellent substance. Fairly continuous, may need deadheading. An excellent mini for the front of the bed, very reliable for continuous bloom, survived last winter outdoors in a pot by being buried with a mini tree rose. Low bushy grower, abundant semi-glossy medium green foliage, severe blackspot in September.

PINK SYMPHONY (SWEET SUNBLAZE) (PRETTY POLLY), Min (Meilland '89). LP (lp), RNRS PIT '89. Yeomans (1 pl 1 yr 1.5' BC): Bushy and healthy plant. Pleasant double flowers, mostly one to a stem so far. President's International Trophy RNRS.

PINSTRIPE, Min (Moore '85 int '86). RB (rb), red with white stripe, 18-20 petals. Porter (2 pls 2, 3 yrs 12" SK): Double bloom, grown as tree rose, exhibition form, excellent substance, in clusters, continuous bloomer. This is a novelty that appeals to me. As a tree rose in a patio planter (removed and buried in winter) it has bloomed non-stop all season. A younger plant of bush form in an exposed location has been much stingier with bloom, perhaps the cold summer had some influence. (Last year for reporting this rose).

PLATINUM LADY, Min (Laver '88 int '89 CAN). M (m), light lavender/reverse white, 21 petals. No reports.

PLEASANTLY PINK, Min (Laver '92 CAN). MP (mp), clear pink, 50 petals. Stanton (2 pls 1, 2 yrs 12" ON): Lovely colour, somewhat flat form, good substance, floriferous, very pleasant rose. Tall vigorous growth habit, glossy foliage, disease-resistant, hardiness is good.

POTLUCK PINK, Min (Laver '92 int '93 CAN). MP (mp). Chambers (3 pls 1 yr 8" NS): Non-fading medium pink, semi-double cup shaped form, strong substance, blooms on single stems, repeats well throughout the growing season. This pink 'Potluck' has grown well in my Nova Scotia garden, giving much pleasure. I have been told the 'Potluck's were especially hybridized to be grown as a house plant if desired. Compact bushy grower, medium green foliage, disease free so far, hardiness is good.

POTLUCK RED, Min (Laver '88 int '89 CAN). DR (dr), deep red, 35 petals. Cadsby (12 pls 3 yrs 6" ON): Attractive colour, HT type form, good substance, lots of bloom. Propagated rose for edging to HT bed, worked out well until blackspot spread from surrounding plants. Upright grower, light green foliage, hardiness is fair.

POTLUCK YELLOW (MINIJET) (YELLOW MINI-WONDER in US) (SPICY in Europe), Min (Laver '85 int '86 CAN). MY (my), 20 petals. No reports. (Last year for reporting this rose).

PRIDE 'N' JOY, Min (Warriner '91 int '92). OB (ob), coppery orange/orange and cream reverse, 30-35 petals, AARS '92. Brown (Carol) (1 pl 2 yrs 14" ON): Orange/yellow reverse, hybrid tea bud, some large blooms, almost always in bloom, covered the plant. Good substance, some fragrance, I like this rose. Neat compact grower, could be larger, good foliage, hardiness is good. Decker (1 pl 2 yrs short AK): Very pleasing orange and cream colour, high-centred exhibition form bloom, good substance, small clusters, average rebloom and floriferousness. Spreading growth habit, dark semi-glossy foliage, mildews. Dickey (1 pl 2 yrs 2' ON): Bright clear orange colour, a bright spot in the garden, constantly in bloom.

Decorative form, good substance, very favourably impressed! Bushy sturdy plant, good foliage, no disease, hardiness is good. Hopkins (1 pl 2 yrs 12" ON): Double bloom, exhibition form, good substance, fairly fast repeat, small and medium size sprays. Just an average plant and I cannot understand why it's an AARS '92 winner. Low bushy grower, small matt green foliage, disease-resistant, hardy. Magee (1 pl 2 yrs 16" ON): Nice HT bud and good HT form medium sized double bloom, OK substance, free blooming, a nice garden variety. Bushy grower, foliage in proportion to size of bloom, no disease, seems hardy. Porter (2 pls 2 yrs 15" SK): Orange with yellow, fading to coral-pink, double bloom, exhibition form, good substance, mostly borne singly, blooms sporadically throughout the season. Bloomed more heavily this last year but never was especially showy. I'm disappointed with the floriferousness and the fading colour. Bushy grower, dark green foliage, some mildew, hardiness OK with protection. Stanton (1 pl 2 yrs 15" ON): Very pretty colour, decorative form, good substance, floriferous. Mildew is terrible, every leaf drops but it recovers wonderfully to bloom exuberantly again. Spreading growth habit, good foliage, hardiness is good.

RADIANT, Min (mini-flora) (Cl-mini) (Benardella '87 int '88). OR (or), brilliant orange red, 23-27 petals. No reports.

RAINDROPS, Min (Saville '89 int '90). M (m), light mauve-purple/light yellow base/reverse lighter, 24 petals. Decker (1 pl 2 yrs AK): Mauve blend is sort of a muddy colour, more pink than mauve and tannish reverse. High-centred medium size bloom, exhibition form, good substance, in singles and small to large clusters, average rebloom and lots of flowers. Bushy grower, dark semi-glossy foliage, some mildew. Hopkins (1 pl 3 yrs 18" SK): Double bloom, exhibition form, excellent substance, singles and sprays, improves each year. Compact grower, dark green foliage, disease-resistant, hardy.

RED MINIMO, Min (DeRuiter '91 int '87). (dr), 15-25 petals. Decker (1 pl 1 yr AK): A micro mini, medium red here, high-centred exhibition form, opens fully, excellent substance, blooms last a long time, singles and medium clusters. In my opinion the best of the reds for floriferousness, rebloom and rain resistance. Compact growth habit, dark semi-glossy foliage, no disease.

REGINE, Min (J. Hefner '89 int '90). PB (pb), soft light pink/reverse silvery pink, AOE '90. No reports.

RING OF FIRE, Min (Moore '86). YB (yb), yellow blended orange/outlined in red/reverse yellow, 60 petals. AOE '87. No reports. (Last year for reporting this rose).

ROLLER COASTER (MINNIE MOUSE), Min (McGredy '87 int 88). RB (rb), striped, 6-14 petals. No reports.

ROSE GILARDI, Min (Mini-moss) (Moore '87). R (rb), red and pink striped, 12-15 petals. Graber (3 pls 3 yrs 12-14" ON): Semi-double decorative form bloom, makes exhibition quality sprays, great substance. Have 3 plants in a 1/2 barrel, always full of bloom, draws everyone's attention. Bushy grower, very thorny, glossy foliage, no disease at all, very hardy.

ROYAL VICTORIA, Min (Laver '91 CAN). PB (op), striking coral/silvery reverse, 41+ petals, created to celebrate 100th year of The Royal Victoria Hospital in Montreal, Canada. Heaslip (1 pl 2 yrs 12" BC): Coral with silver reverse, exhibition form, very good substance, very good cut flower. Compact grower, medium green semi-glossy foliage, no disease. Mychaluk (1 pl 1 yr 12-15" AB): One wave of bloom then zip! Maybe our rotten summer had something to do with it. Ouellette (3 pls 3 yrs 15" QC): Coral pink with white reverse, continuous bloomer, singly and in clusters. Buds open fairly quickly to long lasting HT-type exhibition form double blooms, then they fade to deeper coral and shatter. Borne on upright stems, fragrant. Continues to be a winner at Quebec shows, outstanding show miniature, a hardy little rascal never without a bloom or two. Upright often uneven growth habit, small, medium green semi-glossy foliage, blackspots, hardiness is excellent.

RUBIES 'N' PEARLS, Min (G. Mander '92 CAN). M (m), purple/cream bicolour, 15-25 petals. Brisbane (1 pl 1 yr 24" BC): I know it's a mini but it's the tallest I've seen anywhere. Unusual colour, ruby and cream, mostly decorative, occasionally exhibition form, good substance. Produces very well all season. Tall but compact grower, good foliage, no disease with good spray program. Heaslip (1 pl 1 yr 24" BC): Blooms nearly 2" across, magenta/reverse silver, decorative form, good substance. Tall grower, dark green foliage, no disease.

SACHET, Min (mini-flora) (Saville '86). M (m), lavender/yellow stamens, 30 petals. Heaslip (1 pl 2 yrs 18" BC): Mauve bloom greys as it ages, with beautiful yellow stamens. 1.5" exhibition form bloom, good substance, ideal for hanging basket, very strong fragrance. Sprawling grower, small dark green foliage, no disease. Porter (1 pl 2 yrs 11" SK): Large 2.5" double bloom, decorative form, good substance, opens quickly to show stamens. I grow this one mainly for its fragrance, it is not particularly floriferous. Bushy grower, dark green foliage, no disease, hardiness OK with protection. (Last year for reporting this rose).

SANS SOUCI (Reg by IRAR as LAVsans), Min (Laver '86 CAN). DP (dp),

deep fuchsia pink, 40 petals. No reports. (Last year for reporting this rose).

SCARLET MOSS, Min (mini-moss) (Moore '88). MR (mr), intense scarlet red, 10 petals. Porter (1 pl 5 yrs 15" SK): Semi-double 1.5" bloom, decorative form, excellent substance, very long lasting but sparse. Bush grew well this year but few flowers were seen, perhaps it did not like our record breaking cold rainy summer. I like the foliage and mossy buds but if it doesn't improve in floriferousness it is hardly worth growing. Bushy plant, dark green foliage, occasional mildew, hardiness OK with protection.

SHELLEY RENEE, Min (Saville '88 int '89). PB (pb), salmon-pink/reverse peach. Heaslip (1 pl 1 yr 16" BC): Colour is shrimp pink/reverse peach, small perfect blooms, exhibition form, good substance, prolific, 'Spice Drop' sport. Compact grower, medium green foliage, no disease. Porter (1 pl 1 yr 12" SK): Double bloom, exhibition form, good substance but not impressive in first year. Compact grower, disease-resistant.

SHOWBOUND (Reg by IRAR as LAVbound), Min (Laver '89 CAN). OP (op), deep orange-pink shading to coral-pink/reverse pink with yellow base, 53 petals. Heaslip (1 pl 1 yr 12" BC): Blooms are small, exhibition form, good substance, frequent bloomer. Compact grower, dark green foliage, no disease. Porter (1 pl 3 yrs 6" AK): Large double bloom, exhibition form, excellent substance, in small sprays, long lasting but sporadic bloomer. Relatively useless in my yard, the heavy blooms on short stems do not make exhibition material but, more importantly, it is extremely stingy with blooms. Low weak bush, medium green foliage, no disease, good winter protection needed.

SILKEN LAUMANN, Min (Laver '93 int '94 CAN). OB (ob), luminous orange/yellow reverse, 26-40 petals. Heaslip (1 pl 1 yr 14" BC): Colour is orange leaning towards russet/gold reverse, named after Olympic medal rower Silken Laumann to celebrate the '94 Commonwealth Games. Rower or rose, both are winners. 1.25-1.5" bloom, high-centred top exhibition form, reflexed petals, very good substance. Bushy compact grower, medium green matt foliage, no disease.

SILVER PHANTOM (MELISSA JOYCE), Min (Rennie '88 int '89 CAN), M (m), silver lavender, 33 petals. McGee (1 pl 1 yr 2' ON): Pinkish lavender, loosely clustered double blossoms, very attractive, decorative form, good substance. This rose is a stronger plant than most mauve miniatures. Vigorous grower, disease-free.

SINCERELY YOURS, Min (Moore '91). MR (mr), 6-14 petals, AOE '92. No reports.

ROYAL EDWARD (Shrub)
(Ian Ogilvie, reg 1993, intr.1994)

SNOWBOUND, Min (Laver '89 int '90 CAN). W (w), ivory/reverse white, 55 petals. Heaslip (1 pl 1 yr 12" BC): Small perfect white blooms, exhibition form, good substance. Compact grower, small light green foliage, no disease, hardiness is good.

SPRINGWOOD GOLD, Min (Laver '89 CAN). MY (my), deep buttery yellow/reverse lighter, 20 petals. No reports.

SPRINGWOOD PURPLE, Min (patio) (Laver '90 int '91 CAN). DP (dp), deep fuchsia pink, 25-30 petals. Hopkins (1 pl 3 yrs 12" SK): Reddish purple double bloom, Exhibition form, excellent substance. Improves each season, had very first bloom in garden and will probably have last, in bloom most of year. Compact growth habit, dark green foliage, some blackspot, hardy.

SPRINGWOOD WHITE (WHITE FESTIVAL), Min (Laver '91 CAN). W (w), 41+ petals. Porter (1 pl 1 yr 7" SK): Very double bloom, about 1.5" across, cupped form, excellent substance, borne singly or in small sprays. Rather slow to establish, didn't bloom very heavily first year but much better than 'Bonhomme'. Best performance was in September. Low bushy grower, medium green foliage, susceptible to blackspot.

STRAWBERRY DELIGHT, Min (Rennie '89 int '90 CAN). PB (pb), white with medium pink freckles/reverse white with pink edges, 28 petals. Smallenberg (1 pl 3 yrs 12" BC): Vanilla edged with cupcake pink, 2.5" bloom, patio in size but every bloom perfect, exquisite form, excellent substance, opens quickly in heat, good fall bloom. Prolific bloomer, rain tolerant, short stemmed sprays, a "10" if singles on longer stems, keeping! Spreading growth habit, dark green semi-glossy foliage, no disease.

STRIPED PET, Min (Laver int '93 CAN). PB (pb), variable pink stripes on white, 15-25 petals. Mychaluk (1 pl 1 yr 10" AB): Huge blooms, open flat, good substance, blooms continuously but blooms are large and stems cannot hold them above foliage. Vigorous grower, good foliage, a good novelty rose!

SUMMER SCENT, Min (Rennie '89 int '90 CAN). MP (mp), medium pink with white centre, 30 petals. Porter (1 pl 1 yr 9" SK): Double bloom, 2.5" or more when fully blown, opens quickly, good substance. Forgot to water this plant before it was placed in the ground and nearly lost it, consequently it spent most of the growing season trying to recover and didn't bloom very much. I didn't detect any fragrance, perhaps the cold weather was to blame. Bushy growth habit, dark green foliage, no disease.

SUNNY DAYS, Min (Saville '86 int '87). DY (dy), bright yellow/slight red

blush on outer petals, 30 petals. Decker (1 pl 1 yr short AK): Dark yellow fading lighter, some red blush, nice bright colour. Small blooms, high-centred exhibition form, good substance, singles and medium clusters, average floriferousness and rebloom, some fragrance. Bushy grower, dark semi-glossy foliage, no disease.

SUZY, Min (Bridges '90 int '91). MP (mp), medium shell pink/deeper colour at petal edges, 38-40 petals, AOE '91. Decker (1 pl 2 yrs short AK): Best of the medium pinks, along with 'Cupcake'. High-centred exhibition form, excellent substance, singles and small clusters, very floriferous, quick rebloom. Bushy grower, dark semi-glossy foliage, no disease.

SWANSONG, Min (McCann '88). W (w), 15-25 petals. Porter (1 pl 4 yrs 20" SK): This is a classy rose with good form but the colour is usually creamy or cream with a yellow centre rather than pure white. Double bloom, exhibition form, excellent substance, borne singly, fairly continuously. Could use more blooms but isn't as stingy as some, fragrance is notable. Bushy vigorous grower, dark green foliage, no disease, hardiness OK with protection.

SWEET BUTTERFLY, Min (Laver '89 CAN). M (m), lavender pink/mauve stamens, 12-15 petals. No reports.

TARA ALLISON, Min (McGredy '87 int '86). OR (mr), geranium red, 6-14 petals. No reports. (Last year for reporting this rose).

TEDDY BEAR, Min (Saville '89 int '90). R (r), terra-cotta/reverse lighter, 28 petals. Archibald (1 pl 2 yrs 12" SK): Brownish red, a confused colour, don't know whether I like it or not, different. Large double bloom, decorative form, good substance, repeat bloom, somewhat scarce producer. Sparse bush, scarce foliage, blackspot, hardiness is good. Dickey (1 pl 2 yrs 8" ON): Bronze, small decorative bloom, good substance, few blooms. I am intrigued by its unusual colour, otherwise bush is small and not too vigorous. Good foliage, no disease, hardiness is fair. McGee (1 pl 1 yr 10" ON): Russet, reminiscent of 'Julia's Rose'. Decorative form, excellent substance, lots of roses on small sprays, good repeat, abundant foliage. I lost my first 'Teddy Bear', was it not hardy? I like it so much I'm trying another. Mychaluk (1 pl 2 yrs 12-15" AB): Its colour turns a lot of people off but I prefer to judge it on its own merits because it's unique. Garden form, good substance, plant seems to lack vigour 1st year, very few blooms. Adequate foliage, no disease. Stanton (1 pl 2 yrs 9" ON): This one was not as good this year as last but it's an interesting colour so I'll be patient. Decorative form, good substance. Neat grower, good green foliage, disease-resistant, hardiness is good.

TIPPER, Min (Jolly '87 int '88). MP (mp), soft pink, 32 petals, AOE '89. No reports.

TOP MARKS, Min (Patio) (Fryer int '92 NR). OR (or), sparking vibrant vermilion. RNRS GM, UK ROTY '92, Baden-Baden GM, GENEVA Certificate of Merit. Brown (2 pls 1 yr 1.5' BC): Vermilion orange, a great little rose that can't be missed in the garden or in a pot. Decorative form, good substance, clusters of very orange blooms on a short bushy plant. Medium green foliage, no disease, hardiness is OK.

TUT'S TREASURE (Reg by IRAR as LAVtrek), Min (Laver '89 CAN). DY (dy), intense deep yellow/reverse medium yellow, 45 petals. Porter (1 pl 3 yrs 9" SK): Very pleasing dark yellow colour. Exhibition form double blooms, excellent substance, in short stemmed clusters, sporadically. The winter set this one back considerably, doesn't have a lot of vigour and thus bloom is not as abundant as I would like. Dark green foliage, slight blackspot in September, needs good winter protection.

TWO-TIMER, Min (Moore '90, int '91). OB (ob), orange red/lighter shade of orange and white stripes, up to 70 petals. No reports.

VICTORY PARADE, Min (NR). Ouellette (1 pl 1 yr 7" QC): Medium dark red, matures to a deep rose red. Tiny buds open to flat decorative form double blooms, petals symmetrically placed, good quality substance, holds well, some fragrance. Rooted cutting in late June, first bloom July 29th, borne singly and repeats well for a first year (cutting) plant. A little gem, shows lots of vigour and will make a showy potted specimen. Small medium green foliage, no disease problems.

WARM WELCOME, Cl Min (C.H. Warner '92 int '91). OR (or), orange-vermilion with yellow eye, 6-14 petals, RNRS PIT '88. Jalbert (1 pl 2 yrs 7' BC): Single orange bloom with yellow eye, pretty bud and open bloom, excellent substance, in clusters, very floriferous. This is an outstanding new rose, visitors to my garden love it, first to bloom in May and still producing at end of October. Climbing to 7', new growth on foliage is purple, very healthy. McGee (1 pl 1 yr 6' ON): 1.25" single bloom, striking warm orange colour, limited bloom in first year, anticipate more as bush matures. Leggy rambler, mahogany stems, disease free. Yeomans (1 pl 1 yr 2' BC): Very attractive orange-brownish flowers and plant, President's International Trophy RNRS.

WHISTLE STOP, Min (McGredy '88 int '89). RB (rb), white with magenta stripes, 6-14 petals. No reports.

WHOOPIE, Min (Saville '91 int '92). RB (rb), red and white blend, 28-32 petals. Decker (1 pl 2 yrs short AK): Mostly dark red, little white showing, high-centred exhibition type form, excellent substance, stingy bloomer, average rebloom, a carefree rose. Bushy grower, dark semi-glossy foliage, no disease. Magee (1 pl 2 yrs 14" ON): Quite double, HT bud, attractive open bloom, good HT form, good substance. Didn't grow as well as last season (hot and dry this summer). Not nearly as good as 'Debut' this year. Bushy grower, no disease, seems hardy.

WILFRID H. PERRON, Min (Laver '87 int '88). MP (mp), vivid shrimp pink, 70-80 petals. Brown (Carol) (2 pls, 5 & 3 yrs, 21" ON): Has an interesting pinky-red bloom, long lasting, very double, good form, an interesting specimen. Good growth habit, good foliage, bugs ate some leaves, hardiness is good. Stanton (1 pl 4 yrs 9" ON): Very striking full petalled somewhat flat bloom but pretty, decorative form, good substance. I lost it last winter but I like it enough to try it again. Low spreading growth habit, neat foliage, disease-resistant, hardiness is fair.

OTHER TYPES OF ROSES

DRAGON'S EYE (EYE OF THE DRAGON), Hyb. China (OGR) (Heirloom Roses '90) (Seedling x Seedling). (dr), 41 petals. No reports.

TOPAZ JEWEL (RUSTICA '91), HRg (Moore '87) (Golden Angel x Belle Poitevine). MY (my), medium yellow fading to cream, 25+ petals. Arberry (1 pl 1 yr 2' BC): Mostly semi-double, some doubles, decorative form, fair substance, very nice yellow. Not too impressed, blooms blow rapidly, will probably repeat. Sprawly grower, medium matt green foliage, no disease.